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Oral Hygiene

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Use them with the convenient Johnson & Johnson Cotton Roll Dispenser.

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The Publisher's Corner

By Mass

Number 260

BILL HALSEY'S MONKEY MEN

ADMIRAL BILL Halsey may have been too optimistic last month in predicting the complete defeat of the Axis this year. But Bill is doing all right, and everyone hopes he's as good a prophet as he is a fighter.

There was one lovely three-sentence paragraph in the Associated Press interview with the admiral. He was describing the Japs: "They are not supermen, although they try to make us believe they are. They are just low monkeys. I say monkeys because I cannot say what I would like to call them." The admiral's prediction may not be right, but his description of Japs is right. This department doesn't know much about a lot of things, but it does happen to know about Japs.

Back in 1911, when the first issue of ORAL HYGIENE appeared—five years before my association with the magazine—I started to learn about the little so-and-so's (ladies read this journal so you have to use panty-waist profanity). It happened that for five years, starting thirty-two years ago, I tried quite unsuccessfully to become a California seed farmer. Incidentally, my boss was Doctor Ernest Pieper who had left a fine dental practice to manage his sis-

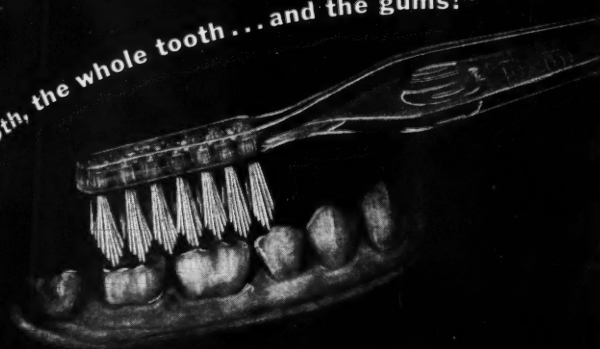
ter's seed farms when her husband died.

In those days in California, the Japs were rapidly replacing the Chinese as agricultural laborers, and as independent farmers. Seed farming companies just about had to do business with them; at least, they thought they did. At any rate, you had to give the Japs credit for being able and willing to work hard—when watched—and for being enterprising, although California whites began to learn that Jap enterprise had exclusively to do with Jap profit and Jap welfare, no holds barred.

Part of my job as Ernest Pieper's general flunky was to travel over a large section of the state, inspecting farms we operated ourselves, and independent farms where seed was grown for us on contract. The majority of the independent farmers were Japs, and many of the laborers on our own farms were, too. For five years, a great deal of my life was lived among them. In high laced boots, corduroy pants, and flannel shirt, topped off by a broad-brimmed Stetson, I learned a little about agriculture, a lot about walking twenty miles a day—and a lot about Japs.

(Continued on page 142)

"The tooth, the whole tooth ... and the gums!"



Brushing OCCLUSAL SURFACES

with the D. D. TOOTH BRUSH

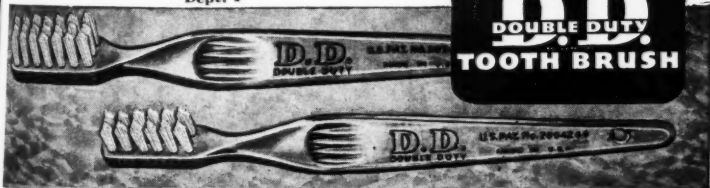
THE correct brushhead of the D. D. Tooth Brush gets at the grooves, fissures and pits of the occlusal surfaces of the posterior teeth. Impacted food particles and other debris are effectively removed.

The D. D. Tooth Brush, with its scientific, twisted handle, permits easier control of the stroking procedure for more efficient

brushing of all exposed tooth surfaces. The brushhead of the D. D. Tooth Brush is small, the bristles resilient, its tufts well spaced for greater inter-dental penetration.

The Two Row D. D. Tooth Brush or the Three Row Brush are both modern oral hygiene aids for tooth brushing and gum massage.

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Dept. 4





4 1/2 New User Package

Zinc Cement Improved with Free Trial Powder and Liquid

- 1 Powder No. 11 (pure white)
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- 1 Trial Bottle of Liquid
- 1 Powder Measure

If for any reason you are not satisfied with the trial powder and liquid, return the remainder of the package intact and receive full credit.

Powder only, any color \$1.00 per bottle
Liquid only 1.00 per bottle

Price \$5.00

A. D. A. SPECIFICATION No. 8, FIRST REVISION		S. S. WHITE ZINC CEMENT IMPROVED	
Compressive Strength	lbs. per sq. in. 12,000	17,000	40% stronger than specified requirements
Solubility	maximum % by weight 0.30	0.08	3 times more resistant to fluids
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To the great strength and durability of Zinc Cement Improved, add outstanding holding power, smooth mixing and cool setting. All these you can prove to your complete satisfaction and without cost if you will ask your salesman for a 4 1/2 New User Package of S. S. White Zinc Cement Improved. It contains a free trial powder and liquid.

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When a Germicidal Cement is Indicated

SILVER CEMENT IMPROVED

(silver phosphate 2%)

for temporary fillings; for liner, step, or base where proximity of the pulp limits excavation; and where a potent, self-limiting, anodyne cement is indicated. Its gray color turns darker when exposed to light, and in some cases, it turns the tooth structure dark.

Powder, per bottle.....\$1.00
Liquid, per bottle.....1.00

NOTE: Same liquid may be used for S. S. White Zinc Cement Improved, Silver Cement Improved and Red Copper Cement.

* Comply with A.D.A. Specification No. 8, First Revision

S. S. WHITE

*RED COPPER CEMENT

(red copper oxide 25%)

For children's dentistry, and for cementing gold crowns, and inlays in posterior locations.

Powder, per bottle.....\$1.00
Liquid, per bottle.....1.00

For Sale by Your Local Dealer

(Continued from page 138)

When you're marooned in the middle of a big San Joaquin River island, you eat as best you can. You learn to use chopsticks; you learn to eat raw fish and like it; you learn not to be too upset if pigs and chickens occasionally scamper around the dirt-floored dining hall; and filthy runny-nosed kids doodle about while you eat. In short, you learn to live with monkeys—as best you can. The admiral is right: Japs are monkey men, with rather similar unpleasant habits, and monkey guile, and monkey ethics.

Edmund Burke said you can't indict a whole people, which is, of course, true. But of all the Japs I lived and worked with, there were only two I liked and trusted. One was old Igarashi, who worked for

our company; the name of the other, a younger man, escapes me. Each kept his word; neither ever foxed you. But you couldn't bank on the rest of them for a split second. True, many were of the coolie type; but most of the Chinese were coolies, too, and it was easy to like and trust the great majority of them.

Some day, given unrationed time and space, perhaps the CORNER will get around to recalling more of those old days—including the night Sam Stanley and I staged our own attack on an island's little Tokyo, arriving suddenly at Harada's camp in our motor boat so as to catch this particular monkey red-handed in the act of moving out a few tons of our seed onions, to sell them on the San Francisco market.



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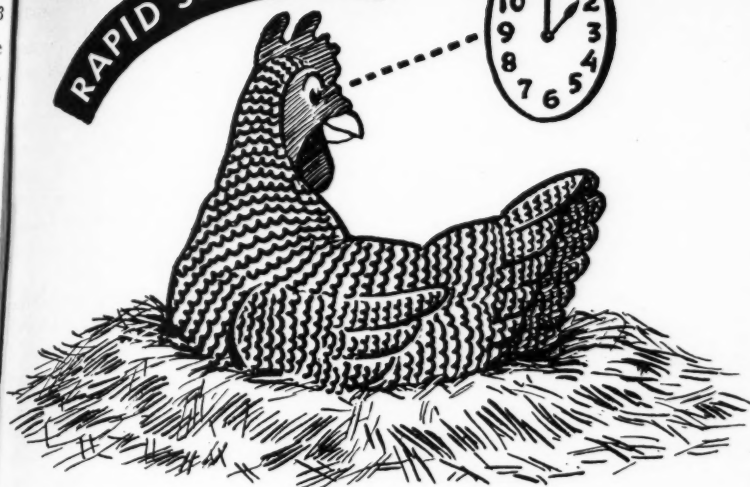
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AT THE
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BOOTH 173**

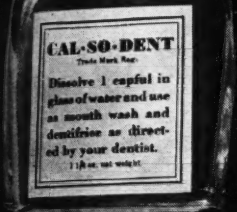
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BRUSH HEAD NOT TUFTED, NOT TOO LONG, NOT TOO BROAD, NOT TOO NARROW. Small head with crested brushing surface permits proper application against all gingivae. Spaced tufts penetrate into interproximal spaces. Bristles in Calsodent Brush keep resilience longer because they are of a particular choice quality.

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\$1.00**





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It is bristled with Prolon, which is Pro-phy-lac-tic's name for the finest synthetic bristle made by du Pont . . . the *only* synthetic bristle that is rounded at the ends for greater gentleness to the gums.

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Fortunately, these same health building elements are present in Nabisco

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When recommending Nabisco Shredded Wheat, it is well to insist on the original Niagara Falls product.

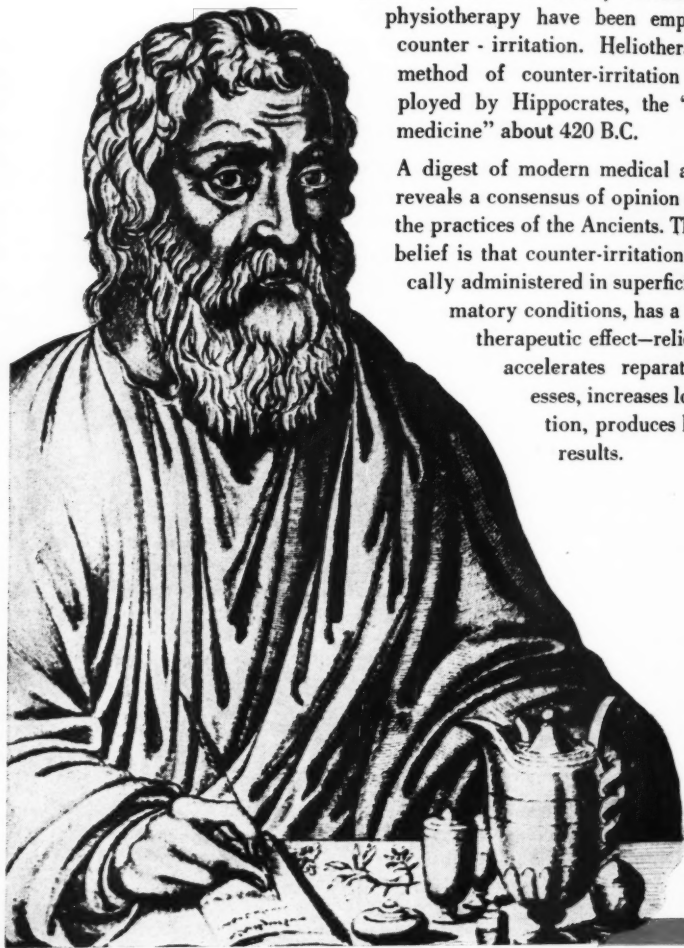


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Ancient as Hippo

Since the dawn of history various forms of physiotherapy have been employed for counter-irritation. Heliotherapy as a method of counter-irritation was employed by Hippocrates, the "father of medicine" about 420 B.C.

A digest of modern medical authorities reveals a consensus of opinion endorsing the practices of the Ancients. The general belief is that counter-irritation, scientifically administered in superficial inflammatory conditions, has a beneficial therapeutic effect—relieves pain, accelerates reparative processes, increases local nutrition, produces better end results.



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Post-operative pain
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DENTAL COUNTER-IRRITANT

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CASES OF:

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Irritation after filling
of teeth

Abscess and gum in-
flammation

Post-operative pain

"Telephone-treatment"

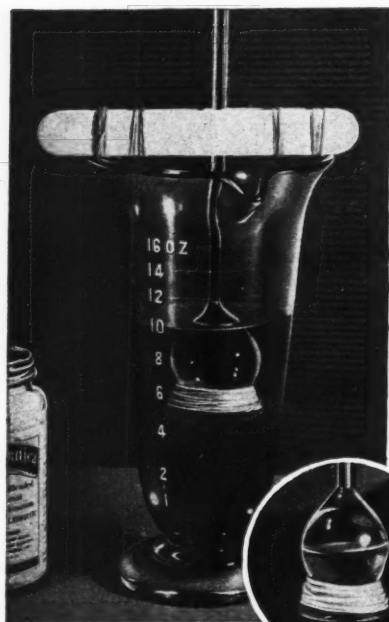
of non-serious emer-

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There are many modern applications of the ancient practice of counter-irritation. In modern dentistry the use of Poloris is the generally accredited counter-irritant. The effect of Poloris Poultice may be focused precisely on the painful area, for quick pain relief. Because of its *local* action and therapeutic benefits, Poloris counter-irritant is preferred by many dentists to the *systemic* treatment of pain with internally taken drugs.

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← Typical dialysis effected by solution of Sal Hepatica. At end of 4-6 hours the meniscus mounted almost to top of thistle tube from low level (see inset).

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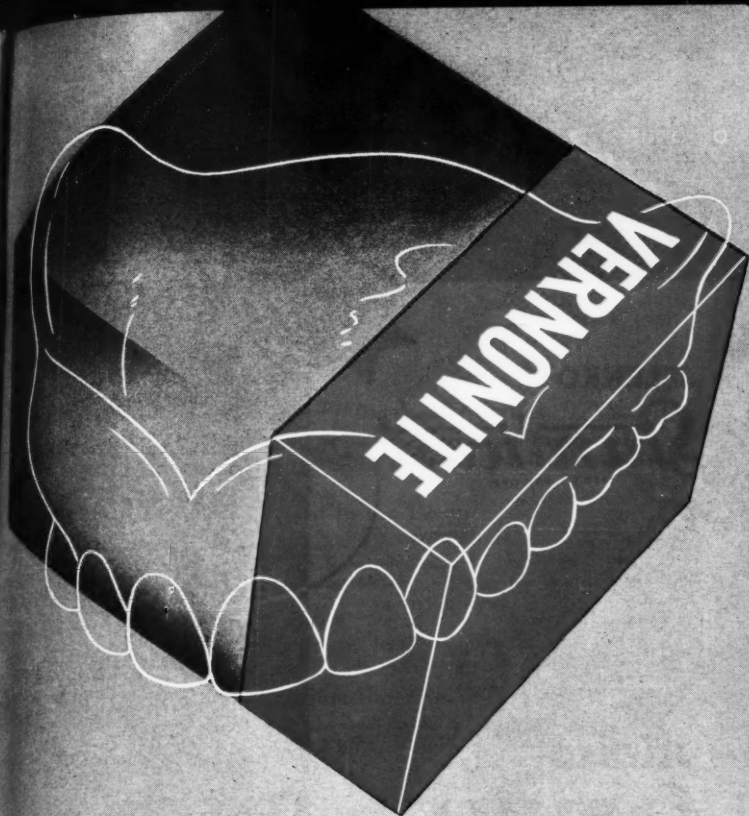
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As the profession doubtless knows, the use of methyl methacrylate is restricted by the Government to two uses: vital war needs and health needs. As with other scarce commodities, its entire output is very strictly rationed. As acute as health needs are, it sometimes happens that the needs of aircraft on the fighting fronts are more acute. Hence, the supply of VERNONITE is at times not equal to the demand. Of course, we regret delay in filling orders, but we are sure the profession will understand, remembering that the resin of which VERNONITE is made is very much at war.

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Oral Hygiene

VOL. 33, NO. 2

FEBRUARY 1943

Picture of the Month	163
Advice to the Yankee Soldier . . . <i>William Stanley Carrick, D.D.S.</i>	164
<i>Out of his fourteen years in the jungles this dentist-explorer offers advice to dentists in service on protecting their health in the tropics.</i>	
How I Overcame Discouragement in the Practice of Dentistry . . . <i>Theodore H. Terry, D.D.S.</i>	170
<i>A dentist who saw his practice slipping tells how he discovered his errors and increased his clientele before it was too late.</i>	
You May Be Away For a Long Time	174
<i>Before you enter the Service, arrange for the competent administration of all financial matters, including insurance.</i>	
Praise the Lord and Help Your Alma Mater <i>Philip Parker, D.D.S.</i>	182
<i>For every dentist who wishes to aid his dental college, the author has an interesting suggestion that can easily be followed.</i>	
A Dental Officer Writes From the South Pacific	186
<i>These letters from a dental officer, Lieutenant John E. Carson, give interesting sidelights on life in the Samoa and Fiji Islands.</i>	
How to Kill a Dental Practice	197

Departments:

Military News	178	Ask Oral Hygiene	192
Dentists in the News	180	What is Your Diagnosis?	196
Editorial Comment	182	Laffodontia	198
Technique of the Month	190	The Publisher's Corner	138

EDITOR
Edward J. Ryan
B.S., D.D.S.

ASSISTANT EDITOR
Marcella Hurley
B.A.

EDITOR EMERITUS
Rea Proctor McGee
D.D.S., M.D.

EDITORIAL OFFICE: 708 Church Street, Evanston, Ill.; PUBLICATION OFFICE: 1005 Liberty Avenue, Pittsburgh, Pa.; Merwin B. Massol, Publisher; W. Earle Craig, D.D.S., Associate; Robert C. Ketterer, Publication Manager; Dorothy Sterling, Promotion Manager; Elizabeth Boyle, Circulation Department Manager. DISTRICT ADVERTISING OFFICES: NEW YORK: 18 East 48th Street; Stuart M. Stanley, Eastern Manager. CHICAGO: 870 Peoples Gas Building; John J. Downes, Western Manager. ST. LOUIS: Syndicate Trust Building; A. D. McKinney, Southern Manager. LOS ANGELES: 816 West Fifth Street; Don Harway, Pacific Coast Manager. Copyright, 1943, Oral Hygiene, Inc. Member Controlled Circulation Audit.



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Based on the unique properties of a powerful non-mercurial germicide (a development of Merrell research), Cēpacol fits into your aseptic technic by providing:

RAPID GERMICIDAL ACTION—

By standard F.D.A. tests, Cēpacol destroys pathogenic bacteria common to the mouth and throat *within 15 seconds after contact.*

GREATER PENETRATION—

Unusually low surface tension permits penetration into otherwise inaccessible recesses of the mucosa.

FOAMING DETERGENCY—

When used as a spray or gargle, Cēpacol peptizes and helps clear away the mucous breeding ground for bacteria.

Most important, Cēpacol appeals to your patients because of its delightful, refreshing flavor. Available at prescription pharmacies in pints and gallons.

Cēpacol is prepared by the producers of DETOXOL brand TOOTH PASTE—TOOTH POWDER.


MERRELL

Trade Marks "Cēpacol"
and "Detoxol"
Reg. U. S. Pat. Off.

THE WM. S. MERRELL COMPANY

CINCINNATI, U. S. A.

Clinical Investigation Shows How 95% of GINGIVITIS CASES IMPROVED IN 30 DAYS!

For over a generation, Forhan's Toothpaste has been prescribed and used by many of the Dental Profession as an excellent home adjuvant, with massage, to help guard against Gingivitis.

And now—most gratifying results from a recent clinical investigation justify their wisdom.

Individual dental examinations under practicing Dentists were made with many hundreds of patients ranging in age from 10 to 76 years—both male and female.

Approximately half of these patients were first given prophylaxis.

ALL were instructed to massage their gums twice daily with Forhan's Toothpaste for a one-month test period. The gums were then re-examined with the following results:

95% of those having Gingivitis showed improvement. 100% having normal gums maintained gums in healthy condition.

Don't you think this sufficient justification to indicate Forhan's with massage in *your* practice?

Forhan's

THE FIRST AND ORIGINAL TOOTHPASTE
FOR MASSAGING GUMS
AND CLEANING TEETH



Picture of the Month



International News Photo

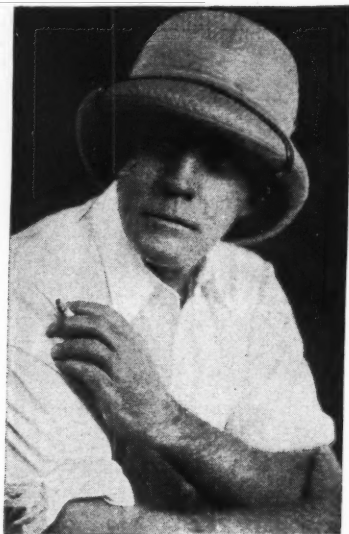
Dental Service in the African Desert

Although the Nazis have been driven out of the African desert, they left behind in addition to their Fascist colleagues a profusion of road signs. Here a British Tommy is shown viewing these signs. Notable is one in the lower righthand corner (Lw-Zahnersatzstelle) directing German soldiers toward a dental clinic or literally a "tooth replacement center." Apparently the Nazi forces had functioning dental units in the field.

Ten dollars will be paid for the picture used in this department each month. Send your contributions with return postage to ORAL HYGIENE, 708 Church Street, Evanston, Illinois.

Advice to the YANKEE SOLDIER

By WILLIAM STANLEY CARRICK, D.D.S.



THE AUTHOR

SOLDIER, YOU are about to be transplanted into an environment wholly strange and different from that to which you are accustomed. Some experienced advice will not only help you to adjust yourself but, if remembered and practiced, will

A dentist-explorer tells men going into service how to protect their health while on a tour of duty in the tropics and on remote islands.

make you safer and happier in your new, strange surroundings.

Theoretically, there are thirty blank steamship tickets in the embarkation port. Your name will be written on one of them. All but three or four will entitle you to a cruise into the tropics, East or West. The three or four tickets will carry you perhaps to the British Isles, Greenland, Iceland or Alaska.





Yankies, laden with their personal belongings, land at Port Moresby in New Guinea. Pittsburgh Sun-Telegraph photo.

Unless you are from the deep South, including the Gulf states, you will find living conditions about as you have been accustomed to in your home town. Your diet, clothing, and general behavior will dovetail easily into your previous life. The diseases, such as pneumonia and influenza, will be about the same as those you knew at home.

It, therefore, remains for you to

adjust yourself to stranger and more dangerous enemies as you cross the line and find yourself gazing upon the Southern Cross for the first time. Change your pace, slow down, be more conservative and moderate in all of your activities, and remember "the tropics are filled with the grave stones of white men who tried to hurry them" or disobeyed their laws.

Seasickness

As a sailor and traveler, I have heard of enough remedies to cure

and prevent seasickness to fill a large volume.

Some of the precautions which help certain persons are: Evacuate the bowels thoroughly before the voyage commences by taking your favorite cathartic. Drink plenty of liquids. Bromides sometimes help. When you feel an attack approaching go to the forward part of the ship and allow the cool breezes to fan your face. The quickest way to produce this malady is to recline in your deck chair and study the angles produced by the rail of the ship and the horizon, or better still, watch the masthead drawing diagrams across the sky.

Another remedy I suggest is blackberry brandy. Keep your mind and your body occupied with good books and deck games. If you are accustomed to sea travel or are immune to seasickness, by all means be considerate of your less

fortunate shipmates by refraining from mentioning salt pork, raw oysters, and other foods of which the thought would, under these circumstances, be nauseating—they may be very sick persons.

Drinking

All things in moderation applies most specifically to alcoholic drinks. If you must have a drink be a sundowner, and drink only in the evenings, if ever. Beer is the best of the lot, because it is also a food. You will find throughout the tropics that only the American fools ice their drinks. Wherever the Americans are patrons, you will notice signs on the cantinas and grog shops, "iced drinks here," but fortunately for the customer the last lump has just melted and the next shipment will be along in three weeks.

It is an erroneous impression

William Stanley Carrick, D.D.S., writes with authority of living conditions in strange environments. He has been a sailor in the Merchant Marine, an officer in the Dental Corps during the last war; and during fourteen years of his travels he practiced oral surgery in the jungles of Central and South America. After making a two-year study of his extensive travels and the public lectures he has given on travel and natural history, the Royal Geographical Society of London has awarded Doctor Carrick a fellowship. He is the twenty-third living person in the United States to receive this honor, which has also been given his contemporaries, Admiral Richard E. Byrd, Doctor William Beebe, naturalist, Charles A. Lindbergh, Lowell Thomas, traveler and author, and Frederic Halsey, author of scientific books on South America.

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that alcoholic drinks prevent most tropical diseases, the contrary is more accurate.

The island of East Tanambago after an American bombardment. U. S. Navy photo.

Natives

It is well to remember that the natives love their wives and daughters as much as we do ours, though the outward signs may be lacking, and an injured husband and father will not resort to the courts, police or lawyers to protect his own. He has other recourse: he throws knives beautifully.

In Mohammedan countries you will find that the faces of the native women are covered with a thick veil. A gentleman will respect this religious custom, which is practiced in a general sort of way on the south shores of the Mediterranean from Morocco to Turkey. in-

clusive, as well as in India and Burma. Native women with uncovered faces in these countries, as a rule, are not offended when spoken to without an introduction, but caution should be observed at all times.

Venereal diseases are global. Recall that you have been preceded by traders, merchant sailors, porters from distant, so-called civilized ports, and it is your duty and responsibility to take all known precautions.

Never, when alone, allow a native to examine your side arms, no matter how grinning and friendly he may seem.



American troops on the march through a banana grove in New Guinea. Pittsburgh Sun-Telegraph photo.

Never, when alone, directly approach a native who is standing in tall grass, showing the palms of his hands, the universal sign of a peaceful, unarmed friend. Approach him from the side. These natives have a neat trick of holding a poison spearhead between their toes to be kicked at you with great force when you are in range.

Never be deceived among known hostile natives by their grinning, playful, frolicking, or even childish behavior; be ever watchful until you are sure.

Clothing

In the presence of thick vegetation and shade it is not necessary to wear a helmet, as the plants absorb the deadly rays of the sun. But on savannahs, beaches, and other open places the helmet is essential. If you are provided with a true pith helmet, insulated with thick layers from the pith of the palm trees, rather than the pressed-cork variety, it is pleasant and useful to

dip the hat in cool water. Another little trick learned by the jungle man is to fold accordion-like long strips of banana leaves to place in your helmet. These thick damp leaves will retain their moisture and keep the head cool from eight to ten hours.

Sun glasses not only will prevent eyestrain and headaches but prevent fatigue. Exhaustive tests by scientific friends of mine have proved that the sun's glare will fatigue one as much as physical activity. If regulations do not prohibit, and you have a good mosquito bar, sleep naked. I do not think you will find shorts practical in the bush, or in the presence of insects. Army and Navy regulations and the temperature will dictate the proper clothing.

Walking on the ground in bare feet is likely to allow the causative

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factors of hookworm, and of elephantiasis, to enter one's system. This precaution pertains to the floors of barracks and tents as well.

Short underwear, when riding, has a tendency to roll up when wet with perspiration and causes very painful deep saddle sores.

Drinking Water

There are but six safe sources of drinking water in the jungles; namely distilled water, carefully bottled carbonated water, water at the fountain-head of a spring (not along its course), rain water that has not touched the ground, the milk of the coconut, which is not only pleasant and refreshing but extremely nutritious, and the Bahooka or monkey vines, the great twisting vines that are festooned over the branches and terminate at the tops of trees with a growth somewhat similar to a pineapple bush. Select a vine three to four inches in diameter, cut it through diagonally with a bayonet, bolo or machete; the water will not emerge at once but when it does start to run it will fill many canteens with the safest water in the jungles.

Beware of the native water jugs, or water monkeys; these are constructed of unbaked clay which sweats. The sweat evaporating rapidly on the distended surface cools the water inside, though the water bottle is in the sunshine. The danger lies in the practice of the natives drinking from the waterspout. The many hundreds of smears that I have made indicate that virtually all the natives have not only Vincent's infection but

other undesirable oral diseases.

When drinking from a cup or glass not your own, always place the lower lip inside the edge. In public, native eating houses, drink from the cup held in the left hand. Your lips will then be on the opposite side to the spot contaminated by the right-handed drinkers, who are, of course, in greater majority.

To drink from another's canteen by the lip method except in an emergency, is like borrowing your friend's toothbrush.

In the absence of drinking water, you will find that the juice from small limes that are common in tropical countries will refresh you and keep your lips and throat moist for hours.

Languages

If you do not speak the language of the natives, learn as quickly as possible carefully selected phrases. Do not at first spend time on grammar. I suggest you learn at once to say:

Take me to white man—chief—
friends—medicine man.

Give me food—water—rest.

Take this message to white man—
friends—head man—missionary.

Get me food—water—fire—
boat.

Hurry—slowly.

I am sick—hurt.

Carry me to—

I need a guide—horse—mule—
camel.

Tell white man—I am here.

(Continued next month)

Asbury Park Trust Company Bldg.
Asbury Park, New Jersey

How I OVERCAME Discouragement in the Practice of Dentistry



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A dentist can stay too long in one place and cling too firmly to outmoded ideas.

By THEODORE H. TERRY, D.D.S.

I WANT TO TELL the readers of ORAL HYGIENE of my personal experience with a dental practice that was slipping. For older men who think, as I did, that the tempo in this war-mad world is too fast for them, it may furnish knowledge of what it takes to be a successful practicing dentist today.

I moved my offices from Forty-Nine Hundred Euclid Avenue in Cleveland to the new Medical Arts Building (now renamed the Republic) in the fatal year of 1929. The stock market had cracked and virtually every stock was sinking in an alarming manner. I had taken a beautiful two-chair office high above the noise and dust of the city streets. I lived in Shaker Heights and the Rapid Transit took me into the Terminal where I had only to go up a ramp, take an elevator, and I was at my office door. In stormy weather it was wonderful to be so sheltered.

My overhead was much higher here, and I soon realized that for some reason my practice was diminishing rapidly. I spent much time going over my books and trying to determine why certain patients had not been to the office lately. To

these I sent cards reminding them that they had not been in for a checkup for some time. That failing, I called them on the telephone. Some of my patients complained that the new location was too far from their shopping district; others thought the building cold and unfriendly. Several asked if my prices would not now be higher since someone had to pay for "all this elegance."

In one year I lost through death ten prominent men patients. I was greatly shocked by this and felt their loss keenly in my practice. Let it be understood that I spent my full time from September, 1929, to August, 1942, in this building. I insert this information because it seems hardly possible for a large two-chair office employing a laboratory assistant to suffer so severely, but now as I go over the occurrences of these years what happened is not only understandable but appears to have been inevitable.

I know now that I took on a part of the panic-stricken fear of that time. I took my own losses very much to heart. I was also so grief-stricken over the loss of my best patients that I was not in a mental nor physical condition to do the high quality of work on which I always had prided myself. Strangers sensed this and it made a difference in their confidence. My older patients had less and less dental service.

For years I had belonged to the city and state dental societies and enjoyed them, taking great pride in doing my part. As far back as

1912 I had given clinics and papers on oxygen and gas analgesia in dental practice. I read all the best dental magazines and took pride in the appearance of my office.

Discouraged By Reverses

After my losses everything changed. I resigned from the dental societies and lost interest in dental progress. I nourished my seeming hard luck and was full of self-pity. Of course my practice continued to decline; it was the natural result of wrong thinking. Today the public takes a man at his own valuation, and the things we fear often happen to us.

For several years I drifted on in this way. To be sure these were panic years and on every side one could hear of discouragement and losses. Finally the war came—many men with good practices were called, and I considered taking over another dentist's practice while he was in Service. I talked this plan over with my wife, and she strongly advised against it.

One day my son, who is vice-president of a transportation company in Cincinnati, came to the office for some dental service. Republic Steel had taken over much of the building. They demanded most of the choice space, and those of us who were without leases were moved to smaller and darker quarters. I was one of these unfortunates, and I think that this change did much to lower my morale. My son had not seen this office. He looked around, and there was disappointment in his manner. "Dad."

he said, "I'm going to tell you something. You probably won't like it, but here it is anyway. This hole in the wall does not look like your office at all. You are a marvelous dentist. I say that with no intent to flatter you, but you never can succeed in an office like this. You must get into better quarters and rejoin your dental societies. Any business or profession demands that you keep in harmony with the pulse beat of that business. You owe this to your past reputation and to yourself. If you need temporary financial aid I will help you. You surely know that."

I know now that this talk kindled anew in me a great and consuming desire to come back and come back strong. I grasped his hand and promised I would not disappoint him.

That very night I took a long walk and fought the whole thing out with myself. "Here," I said, "you have given all the good years of your life to your profession; you have been ethical and fair. The world today has the greatest fight of all time on its hands and you are in that fight. There is no surrender."

Rents New Office

The next day I went to the best medical and dental building in the city and told the manager I wanted a cheerful office with plenty of light and air. "There is available just such an office," he replied, and I was shown my ideal dental office. I took my family to see it and told them I wanted to make this office outstanding. different from any in

February, 1941
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Cleveland. I took pencil and paper
and asked for their individual
ideas. The following was the con-
sensus of opinion:
To have the walls painted light
cream, ceilings in ivory, carpeting
with blue and gold figure in the re-
ception room, operating room
plain blue sanitary covering with
white insert, small laboratory shut
off by a door with the same cover-
ing, all reception room furniture
cleaned and painted, pictures re-
framed to correspond with the
woodwork, strictly new magazines
—*Life*, *Saturday Evening Post*,
Esquire, and *Charm*.

My son, a great traveler, sug-
gested a good smoking set with
free cigarettes. This was installed.
My daughter-in-law rang the bell
with the suggestion that there be
placed on my desk new pens, ink,
and a box of good writing paper
and envelopes bearing this sign:
"While You Wait, Write to the
Boys in the Service. You are In-

vited to Use These Facilities."

I certainly started something.
Business is coming back with a
rush. People are talking about my
office. Tired women drop in just to
read a few minutes or rest and
often enjoy a cigarette.

The day I opened my office Man-
ager Hollender of the Rose Build-
ing sent me a beautiful bouquet of
flowers. Both he and his excellent
staff have done everything possible
to make my comeback enjoyable.
He is wise, prudent, and fair.

In the forty-two years I have
been in practice I have never en-
joyed my profession as I do today.
I am sure now that we can stay
too long in one spot and cling far
too tightly to grandfather's ideas.
This is a world of progress; to lag
behind is to be lost in the dust; to
head the procession is to survive
and really live.

806 Rose Building
Cleveland, Ohio.

MAIL-ORDER DENTISTRY OUTLAWED

BEFORE ADJOURNMENT the Seventy-Seventh Congress passed and the President signed the legislation to prohibit mail-order dentistry. Under the terms of this legislation, "It shall be unlawful, in the course of the conduct of a business of constructing or supplying dentures from casts or impressions sent through the mails or in interstate commerce, to use the mails or any instrumentality for the purpose of sending or bringing into any state or territory the laws of which prohibit: 1. The taking of impressions by one not licensed to practice dentistry. 2. The construction or supply of dentures by a person other than, or without the authorization or prescription of a licensed dentist."



Some practical suggestions to the dentist entering military service.*

THE DENTISTS NOW entering the Service are to be absent for the duration of the war plus six months. In that time, there are many possibilities that family status, personal ability or disability, financial independence and property value, will be greatly altered. It is the duty of these dentists to arrange, before they enter the Service, or certainly, before they leave this country, for their affairs to be administered carefully.

Insurance, safe-deposit-box regulations, allotments from government pay, estates, property holdings, should be protected as much as possible, allowing for as many contingencies as can be anticipated.

As most policies of life insurance now in effect contain no "war or aeronautic exclusion restrictions," they should be maintained when men enter military service. If these are not allowed to lapse, the man in Service is protecting not only his dependents while he is facing the hazards of war, but also furnishing himself financial protection against the event that he may return after the war in such condition that he will be uninsurable. It is wise to take the following precautionary steps to protect current life insurance obligations:

*Prepared from the booklet "Service for Service Men," published by The Diamond Life Bulletin, 420 East Fourth Street, Cincinnati, Ohio, 1942.

1. Premiums should be paid in advance for as long as finances permit.

2. Automatic premium loan provisions, invaluable during a long absence from home, when communications are irregular, should be investigated as a measure of protection.

3. As an acceptable substitute for automatic premium loans, it is possible, under regulations of many companies, for a member of the insured's family to be given a limited power of attorney for the purpose of using dividends and loan values to pay premiums. However, the uncertain years ahead may make the power of attorney valueless because of the death of the attorney-in-fact.

4. Arrangements should be made for the premium notices to be sent to some member of the insured's family who will be interested in seeing that the premiums will be paid, from either controllable funds or personal funds.

5. Many of the older insurance contracts provide that if the policy is allowed to lapse through non-payment of premiums, the policy will lapse into a smaller paid-up policy on the original plan. Because the insured will probably be in great danger it is desirable that if the policy lapses the remaining cash values be used to continue the full amount of the insurance (less loans) as long as is possible under the extended term provisions of the non-forfeiture clauses.

6. Most insurance companies have premium deposit plans for men in the armed services, and al-

lotments may be made from government pay to make premium payments.

7. It would be wise planning for the insured to execute forms to permit the use of accumulated and current dividends to pay premiums before he leaves for Service.

8. A form should be executed giving a certain person authority to make policy loans and withdraw dividends; or the insured can execute several sets of loan forms, leaving the date and amount blank, and give them to the person he wishes to make withdrawals. In this event, the company should be directed to pay the amounts designated to the person making the loan and not to the insured.

In designating a person with the power of attorney-in-fact to care for insurance, be sure that definite policy numbers are referred to. The power should give the designated person the right to take any action which the insured is entitled to take, other than the right to change the beneficiary. Caution should be exercised in granting the right to borrow, as excessive or unnecessary loans jeopardize the insurance protection.

If the insurance is protected by the provisions of the Soldiers' and Sailors' Civil Relief Act, no loans can be made without the consent of the Veterans' Administration.

National Service Life Insurance

Immediately upon entering the Army or Navy, the insured should take out his full \$10,000 National Service life insurance. This policy is issued on a 5-year term plan, con-

vertible at any time after one year has elapsed, into ordinary life, 30-payment life, or 20-payment life. It is issued without medical examination if applied for within 120 days of being sworn into the Service. Because of government subsidies, the rates are low. Monthly rates vary per \$1000 according to the age of the applicant.

There is a limit on who can qualify as a beneficiary of National Service life insurance. Benefits can be paid only to a widow, widower, child (including step-child or illegitimate child if designated by the insured parent), parent, brother or sister of the insured. A fiancée, persons other than those listed, and an estate cannot be named the beneficiary of such insurance.

Upon the death of the insured, payments are made to the beneficiary, if under 30 years of age at the time of the insured's death, at the rate of \$5.51 per month per \$1000 for 240 months. If the beneficiary to whom payment is first made is over 30, payment will be made in equal monthly installments for 120 months for sure, and such payments will continue during the beneficiary's lifetime after the expiration of the 120 months.

Group Life Insurance

Group life insurance commitments, except in rare instances (where the employer contributes a special premium to a War Risk Pool), cease at the end of 31 days after the termination of the insured's employment. Although policies of group insurance may be converted to like amounts of pro-

tection under regular insurance plans with normal premium rates, such policies will have war exclusion provisions, rendering them of little value to a man in Service.

Social Security Act Death Payments

Service in our armed forces is not considered employment in occupations covered by the Social Security Act. Many men now rely upon the death payments under the Act to supplement their life insurance, but when they are away in government military service, the possible income in death payments under the Act may lag. Service outside employment covered by the Act reduces the amount of monthly death and retirement payments due, no matter how long the man was employed under the Act prior to Service, and may even preclude payment of the monthly death benefits to parents, widows and for young children, if the period of Service is long.

Allotments For Life Insurance

Allotments can be made from government pay to meet life insurance premiums with private companies. This allotment is deducted by the government and forwarded to the insurance company.

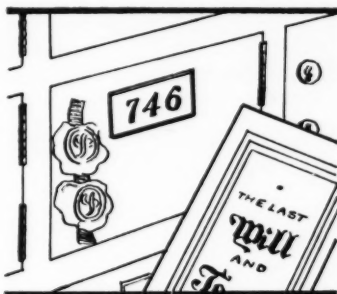
Under the Soldiers' and Sailors' Civil Relief Act of 1940, as amended in 1942, the government safeguards life insurance not exceeding \$10,000 during the term of military service and for two years after, guaranteeing premium payments. To be eligible for this protection, the policy must be in force on a

premium-paying basis at the time of application for benefits under the Act. Such an insurance contract must have been entered into and a premium paid on it at least 30 days before entry into the Army or Navy. However, policies with any war exclusion clauses that affect the basic protection are not covered by this relief act. Policies with double indemnity for accidental death, and with disability provisions are covered, even though these benefits may be void by reason of military service.

Safe-Deposit Boxes

Current regulations covering safe-deposit boxes allow for a box to be sealed if the holder of the box is reported "killed in action," pending proceedings in Probate Court. A will should not be kept in the box, if another safe place can be found to file it. If a soldier is reported "missing," the box may be sealed by the bank for its own protection, for the bank would be considered liable if the attorney-in-fact was permitted to enter the box when the

principal was dead. The box should be placed in the name of a person who is interested in your affairs, or



an understanding should be arranged with the bank regarding the contingency of being listed "missing in action."

Negotiable Securities

An agreement of trust should be drawn up, if a man's negotiable securities are to be turned over to someone for safekeeping. If this is not done, the death, insolvency or disability of the custodian may result in these securities being added to the custodian's estate.

If Your ORAL HYGIENE is Late

IN WARTIME, the postal service is overburdened. Consequently, magazine mail is delayed. We start to mail ORAL HYGIENE during the week preceding the month of issue. But it is impossible to control the date of delivery to readers. So please be patient if your ORAL HYGIENE is late.

FEBRUARY AWARD

THE \$100 ORAL HYGIENE writer's award for this month goes to William Stanley Carrick, D.D.S., Asbury Park, New Jersey, for his article ADVICE TO THE YANKEE SOLDIER.

Military News

Suggestions for Army Dentists:

Under the title *THE DENTAL CORPS' OPPORTUNITY*, the *Army Dental Bulletin* for January carried a timely article on the conduct of Army dentists. The article said in part:

Thousands of selectees are being influenced daily in thought and action through the efforts of the Dental Corps. The impression received by these soldiers can and will have a tremendous influence upon dentistry in subsequent days and years after the war.

It is true that 50 per cent of the selectees have had little if any dental experience. This fact presents a rare opportunity to our profession.

The private with an unclean mouth and stained teeth may be the banker, lawyer, or congressman of tomorrow. The soldier in the adjoining chair may be from one of the finest families of the nation. The things that an officer says, or does not say, may mean much to the profession in the future.

Time Limited:

It is true that one cannot spend as much time with each patient as is desired in a civilian practice, but each individual's dental experience can be made as pleasant as possible. A bit of explanation in a courteous manner, if a question or problem presents itself, will do much to stimulate a friendship toward dentistry.

A clean, neat-appearing clinic will leave many favorable impressions. Personal cleanliness on the part of the officers and enlisted men is imperative at all times. Dentistry cannot afford to

have unnecessary adverse comment or criticism during this emergency. Every dentist is on parade for he is being observed by officers and men of other organizations, and may be considered a mirror of our profession. A rare privilege will be lost unless every opportunity is utilized to present dentistry in the best possible manner.



Rear Admiral for Dental Corps:

The President has signed the Bill authorizing a dental officer in the grade of Rear Admiral to head the Naval Dental Corps.



CASUALTIES AMONG NAVAL DENTAL OFFICERS:

Since Pearl Harbor, the following casualties among Naval Dental Officers have been announced:

Killed in Action:

Lieutenant Commander Hugh R. Alexander (DC), USN—appointed from Pennsylvania, Killed in action at Pearl Harbor.

Lieutenant Commander Thomas E. Crowley (DC), USN—appointed from Saint Louis, Missouri. Killed in action at Pearl Harbor.

Commander Wadsworth C. Trojakowski (DC), USN—appointed from New York and killed in action during the engagement in the Coral Sea.

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Lieutenant Commander Laurice A. Tatum (DC), USNR—He was last seen on the flight deck of an airplane carrier when a violent explosion rocked the ship from stem to stern. Doctor Tatum exposed himself to fragments of exploding ammunition while administering first aid to the wounded. He died from injuries before he could be rescued.

Lieutenant Edward J. O'Reilly (DC), USN, Chicago—Killed in action in the battle of the Solomon Islands in operations against the enemy.

Missing in Action:

Lieutenant Commander Farrel W. Keith, DC-V(S), USNR—appointed from Pueblo, Colorado. Missing following action in the vicinity of Java.

Lieutenant Charles W. Holly (DC), USN—appointed from Oklahoma. Missing following action in the vicinity of Java.

The following are Japanese prisoners of war:

Lieutenant Eric G. F. Pollard (DC), USN—appointed from Minneapolis, Minnesota. Captured in Peking, China.

Lieutenant Harry B. McInnis (DC), USN—appointed from Oklahoma. Taken prisoner in Guam.

Missing following evacuation of Bataan and surrender of Corregidor (Some are probably prisoners):

Lieutenant Commander James A. Connell (DC), USN — appointed from Wilkes Barre, Pennsylvania.

Lieutenant Alfred F. White, (DC), USN—appointed from Charlestown, Massachusetts.

Lieutenant (jg) Robert G. Herthneck (DC), USN—appointed from Staten Island, New York.

Lieutenant Henry C. Knight (DC), USN—appointed from Norfolk, Virginia.

Lieutenant Claud M. Fraleigh (DC), USN—appointed from Gulfport, Mississippi.

Lieutenant Stanley W. Smith (DC), USN—appointed from Morris, Illinois.

Lieutenant James L. Wanger (DC), USN—appointed from Philadelphia, Pennsylvania.

Lieutenant William L. Strangman (DC), USN—appointed from Santa Monica, California.

Lieutenant Commander Emmet L. Manson, DC-V(G), USNR—appointed from Worthington, Minnesota.

Lieutenant Commander Cornelius T. Cross, DC-V(S), USNR — appointed from Manila, Philippine Islands.

TO DENTISTS IN SERVICE

IF YOU ARE now serving with our armed forces or expect to be inducted into service, remember that we want ORAL HYGIENE to follow you wherever you go. To be sure you won't miss an issue, send us your new address (and your former one), giving specific details about the part of the service into which you have been inducted.



Dentists in the News

Charlotte (North Carolina) Observer: Outstanding bravery and unselfishness marked the activities of our invading forces in the North African campaign, according to Associated Press reporter, John A. Moroso. Speaking of Doctor Howard B. Haisch, 27, of Brooklyn, New York, he said:

"Our ship's dentist was assigned to rove the ship during battle. He was standing near gun 1 when a French shell exploded near us. A fragment hit him in the right eye, closing the eye, and causing intense pain. Ignoring the blood, Doctor Haisch got four wounded men to a temporary hospital on the deck below before allowing himself to be treated."

Denver (Colorado) Rocky Mountain News: Members of the Denver Dental Association and other dentists of Denver have contributed eighteen full-course glider scholarships to be given as prizes in model glider building contests being conducted by the Rocky Mountain News, the University of Denver, and others. These dentists believe that Colorado can be made the air center of the nation by establishing a school with a vast program in glider training for future aviators.

Titusville (Pennsylvania) Herald: In a letter to his cousin of this city, Lieutenant Francis J. Brady, D.D.S., who is now with the FWA, Public Roads Administration, Alaska Highway district, said:

"I am enjoying my new assignment very much as dentist for the Alcan

Highway. I was stationed at Fort St. John for a while and one of the sanitary engineers and myself drove from there up to Whitehorse about a month ago. We spent ten days on the road. I had my dental instruments in the truck; he inspected the camps' sanitary facilities, while I worked on patients. The scenery was beautiful, with mountains and lakes by the dozen.

"You should see my clothes and equipment! Fur hat, parka, Arctic field jacket, boots, and great big wool stockings. My dental equipment is of the portable variety. I am getting used to pumping the foot engine in place of electric power. The equipment is so heavy that I have to put it on an Army truck while I fly down to Fort St. John. It would cost the Government a small fortune to ship my instruments by air, but I can carry a light case for emergency."

San Antonio (Texas) Light: Major James V. Sparks of Fort Sam Houston, who practiced dentistry in Paris for twenty-five years, gave an interesting talk in San Antonio on his impressions of the events leading up to the collapse of France. He also commented on a conference he had with Adolf Hitler when serving as a member of the international peace committee.

"I am under no illusion as to the type of man he is. You have heard him described as a maniac. That isn't true. He is intelligent and capable and should not be underestimated."

Major Sparks said that censorship, badly handled, was one of the primary

February, 1942
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factors in leading to "a collapse of the people of France." All the news of the French Army was suppressed in France during the crucial period of the war, he pointed out, and this demoralized the families of men who were at the front. "When the people lost faith in their government, their only thought was escape," he added.

Philadelphia (Pennsylvania) News: Through the medium of a set of dentures memory was restored to a woman amnesia victim who appeared one night at the Philadelphia Y. W. C. A. and said "I've been walking, walking, walking, and can't remember anything."

The next day a fellow hospital patient handed her a set of dentures and asked her to clean them. The sight stimulated her memory and ultimately she was able to identify herself as Mrs. Emma Biederbeck, of Maspeth, Long Island—a former dental technician.

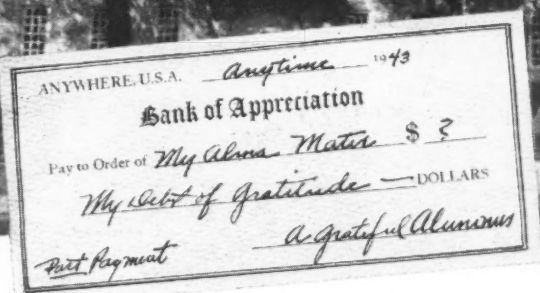
Los Angeles (California) Times: The war in the Pacific interrupted marriage plans for Miss Eleanor Persons, production illustrator in the Consolidated Aircraft Corporation, and Captain Stacy W. Clapp, Jr., dentist of Claremont—but only temporarily. After five months' romance following a meeting at a dinner-dance early this year, Captain Clapp was ordered to Australia last July, on 24 hours' notice. The two have exchanged letters daily. One dated October twenty-ninth from a field hospital in Australia contained the marriage proposal. Miss Persons cabled an immediate acceptance, and the ceremony was performed by proxy in Mission Hills Congregational Church, December twelfth. Captain Clapp's proxy was Lieutenant Colonel Larry Devlin, reserve officer from Camp Haan, Riverside. He was also the one who introduced Miss Persons to the dentist.

Boston (Massachusetts) Record: In the Cocoanut Grove disaster where many persons were burned beyond recognition, numerous identifications were made through dental records. Students from Tufts Dental College volunteered to help in making charts of the teeth of unclaimed persons. Identification of William T. Ramsay, 37, was made through fingerprints and a dental chart. Last of the dead to be identified was Mrs. Gina Teresa Caradonna, 42, of Quincy, whose dentist, Doctor Walter Whelan of Middleboro, recognized a four-tooth bridge he had made for the woman. This ended a long tour of hospitals and morgues conducted by friends of Mrs. Caradonna and her husband.

Rochester (New York) Democrat and Chronicle: While her husband is serving his dental internship at the Rochester Dental Dispensary, Gloria Wong Louie, University of Oregon art graduate and lecturer on Chinese art, is doing her part in the war as a draftsman at the Bausch & Lomb Optical Company plant. She and her husband came to Rochester after their marriage ten weeks ago, and both admitted experiencing more difficulty with the Chinese language than with English since they are third-generation Chinese in this country. Doctor Louie studied in China for three years and was there when the Japs attacked Shanghai in 1937. He returned to the United States and studied at Marquette University and the University of Minnesota, while working for his degree in dentistry.

Dixon (Illinois) Evening Telegraph: The lone representative of the dental profession between Fairbanks—560 air miles away—and the North Pole is Doctor Myron Kennedy, who is still in his early twenties, and a 1940 graduate of
(Continued on page 196)

Praise the Lord and HELP Your Alma Mater



A suggestion for all dentists who are grateful.

By PHILIP PARKER, D.D.S.*

RECENTLY AN overaged veteran of the First World War made many vain attempts to enlist for the present war. Finally he sent a telegram to the War Department telling of his trouble and concluding, "I can outmarch, outshoot, and outrab any young rookie now in the armed forces." As a result, the War Department wired an immediate acceptance of his services.

After twenty-five years of association with dentists, I venture to

*Doctor Parker served in the last war in the Battles of St. Mihiel and Argonne Forest. He was awarded the Order of the Purple Heart by the War Department.

say that dentists can outrab any leatherneck that ever fought from the Halls of Montezuma to the shores of Tripoli. This is all to the good. Crabbing helps the *esprit de corps*, as the commander of any outfit will readily testify. We know, too, that if dentists were always satisfied with the status quo there would never be progress of any sort.

While most dentists don't have to lose much sleep worrying over the \$25,000 ceiling on annual incomes, any old-timer will tell you that dentistry is a pretty good stand-by from a financial point of view. In the past twenty-five years it has

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weathered two wars and a panic, and come through with colors high.

True, the average earnings of dentists, according to latest accounts, are only about \$3000 annually, but averages seldom give a clear picture of anything. A good many of us earn much more than this average and have a great deal for which to be thankful.

All of us are respected members of our communities. Many of us own our own homes; a great many drive cars; and it's agreeable to walk down the street and be greeted with a cheery, "Hi Doc!" As for our younger colleagues in the armed forces, I'm sure it's more agreeable to be a first lieutenant or a captain than a buck private.

If you are enjoying any of these blessings, how about a little old-fashioned gratitude? How about doing something for those who made all this possible? I'm not referring to your mother and dad. Everyone knows they deserve a big hand. I'm referring to your Alma Mater, the dental college.

Do you realize that the money you paid for tuition only covers about half the cost of your education? In the pre-depression days the colleges made up this loss through the generosity of wealthy benefactors. In recent years, however, our dental colleges have not been able to count on these large bequests and must look more and more to their alumni to keep their doors open.

Looking back over the years what does it matter if some instructors did ride you when you were in college? What if you were disci-

plined for some minor infraction of the rules? What self-sacrificing parent doesn't at times discipline his child? Isn't it about time that you forget all those imaginary grievances and just remember that it was the dental college that gave you your big chance?

Now that we have lit our torches at our Alma Mater's candle shall we allow that candle to be extinguished? Shall we have it said of us what Plato said of his ungrateful pupil, Aristotle, when he compared him to a "foal that kicks his mother after draining her dry"?

Just think what it would mean if every one of the estimated 75,000 dentists in the country contributed to their Alma Mater only one per cent of their annual earnings. Mind you, a mere tenth of a tithe, or about thirty dollars a year, would add up to the imposing total of two and a quarter million dollars annually. Who of us doesn't spend many times thirty dollars on non-essentials? With a little careful planning almost every practicing dentist could set aside a little sum every year to help the dental college from which he graduated.

Don't put it off until you have made that pile. Now is the time for all valiant men to rally to the aid of their Alma Mater. Remember that, but for the grace of God and the dental college, you and I might have been grocery clerks or garage mechanics. So, brother, let's "Praise the Lord and help our Alma Mater—now."

1801 Marmion Avenue
Bronx, New York

Editorial Comment

"Give me the liberty to know, to utter, and to argue freely according to my conscience above all liberties," *John Milton*

THE ARMED FORCES TAKE OVER DENTAL EDUCATION

ALTHOUGH THE exact details and the final plans for the Specialized Training Program of the Army and Navy have not been announced, it is believed that all dental students will be called to active duty before March 31, 1943. This means that students will be housed, fed, clothed, and paid as soldiers and sailors of the United States. They will be subject to military discipline and will be educated at government expense. Presumably failure to meet the scholastic standards will result in students being withdrawn from their assignment in dental colleges and detailed for other forms of military duty.

According to present plans an arrangement will be made between the dental schools and the government whereby dental faculties will supervise the professional aspects of the training and the military authorities will be in charge of the military training. No ambitious program in military training is contemplated. Two hours a day in drill and calisthenics will be the total time spent in military activities. These hours will be arranged so that they will not conflict with professional training. Although line officers may be placed in charge of the military aspects of the training, it is believed that the Office of the Surgeon General will see that dental officers are assigned to dental units to coordinate the program.

The Specialized Training Program has resulted from a joint plan of the Army, Navy, War Manpower Commission, and the American Council of Education. Selection of students will be governed by the standards used for officers' candidate schools. The Army program will likely be much larger than the similar program for the Navy. It will be under the Commanding General of the Services of Supply. The Navy program will be under the Bureau of Naval Personnel.

Dental students at present holding commissions in the Medical Administrative Corps or as ensigns in the Naval Reserve are expected to be required to resign their commissions and enlist as privates or apprentice seamen to be detailed to dental colleges to finish their courses of instruction.

The last war taught a bitter lesson. The Students Army Training Corps was conceived as a method to train young men in the professions and, at the same time, to have them under Army discipline and control. The training program was under the supervision of line officers, young men fresh out of officer training schools who were superficially prepared as Army officers and bewildered with the needs of the professional school student. Clashes resulted between the school authorities and the military. The student-soldiers were caught in the jaws of this controversy. The result: the products were neither good dental students nor good soldiers. We may be confident that this mistake will not be made again.

The fearful will sound their cries that the military taking over the dental colleges represents the decay and downfall of dental education in America. It is true that some of the eccentricities of dental education may be eradicated and an attempt may be made to standardize training. That will be for the good. The new supervision may bring measures of reform to dental education and an efficiency that is long overdue. Even the most well-informed apologists among dental educators have been known to breathe the heresy that dental education is in need of some improvement. The supervision under the Specialized Training Program of the Army and Navy may be the answer.

The critics of the plan to train military personnel in our colleges and universities are already busy. President Robert M. Hutchins of the University of Chicago labels the plan as one designed to produce "large quantities of low grade mechanics and small quantities of high grade ones." It is now too early for him, or anyone else, to make such a decision. He may be correct in this dire prediction—and he may be wrong. This is an experiment in education. All experimentation is tentative. Conclusions are not reached until the evidence is submitted which follows *after* testing and does not precede. We should make an effort to observe this far-reaching experiment with an open mind and save our criticisms until the program is in full swing.

Edward J. Ryan

A Dental Officer Writes



from the South Pacific

**Lieutenant John E. Carson, D.C., gives a first-hand account
of life behind the lines in the Samoa and Fiji Islands.**

THESE INTERESTING excerpts from letters received from the South Pacific are printed with the permission of Lieutenant Carson's father, Doctor H. G. Carson, of Nowata, Oklahoma, to whom they were written. In a letter to ORAL HYGIENE, Doctor Carson said of his son's service record:

Before his graduation from the Baylor College of Dentistry at Dallas, Texas, in June, 1941 my son was accepted as an Ensign in the Naval Reserve. Soon after his graduation, he entered the Dental Corps of the Navy as a Lieutenant (junior grade) and was stationed at Norfolk, Virginia. Several months later he was moved to the Marine Training Center at New River, North Carolina, and while there received his commission as a Lieutenant. In August, he was transferred from the post troops to a fleet troop of Marines, and soon thereafter, left for San Diego, California, and from there for service

in the South Pacific. His first landing was in Samoa; I now figure that he is on an island of the Fiji group.



September 16, 1942

Tonight I am comfortably located in a large tent, which easily accommodates the six officers of our Medical Company. I spent yesterday running all over the island picking our location for camp. Having well covered the area, I was returning along the winding, narrow, and only road following the beach, when I came upon the most beautiful spot of the island. One of the few frame buildings is a field hospital at this spot. Palm trees cover the landscape, but there is a break leaving an open plot of grass, sloping toward the sea that I now hear roaring against the rough beach. It is real music to our ears. Native huts built for storage and officers' mess surround the plot I

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"Another week will find me in my native hut."

have just described. The most gorgeous flowers cover the island—bananas and coconuts too.



September 25, 1942

Our ship pulled out of the harbor at break of day to bring us to this island, where we will complete our training. It is beautiful. As our ship came in view of it I was first impressed by the greenness of it; so green it was actually painful to the eye. The approach to the harbor is beyond all description. We lay just outside for some time while the rest of our convoy pulled in, with fast pursuit ships flying about us (which had come from the is-

land for our protection). Cruisers made a constant zigzag.

The island was at one time evidently a volcano; the old lava formations line most of the beaches, making a rugged approach; and the mountains rise sharply upward. Covered with trees and foliage to the very top, there is not a barren spot to be seen on the island.

Coconuts hang plentifully from the palms. Banana trees adorn the one road that allows one time enough from driving to take in the view; before the war these trees were cultivated and well-cared for by the natives. Now they are receiving high wages from our government at the docks and in the

vast activities on the island, so they have little time for the care of these plantations—and for their art of fishing; now they eat the white man's fish from cans.

The natives are without a doubt above us in intelligence; however, they lack education. The children are much more alert than our youngsters of the same age. They are very friendly and have the highest sense of morals one could visualize. The boys get nowhere with these young ladies.

With my many and varied duties I am completely content and the days fly by. I am now transportation officer for our company, which requires my supervising the care and assigning of our vehicles for the duties they are to perform. I have an International pickup that is pretty well mine, to carry out this job. The Commander has a jeep. Another truck and then our ambulances comprise our fleet, so you can see this alone is no little job.

This week I have been handed a fourth duty, other than being dental officer and censor. I am also drill officer now. Four times each week I take the men into the field in full military fashion. I wouldn't swap this for any of the many duties that might have been assigned me, for it will give me much added confidence, which is always valuable. I was selected for this as I seem to be in favor among the men and they think I can get the most out of the boys in the shortest time. We have some good boys and I like working with them.

While here I have done little dentistry; what little has come up I

have performed in the office of the dentist with the Medical Company already established here, with whom we have set up temporarily, as I was told it would be too short a stay to warrant breaking out my equipment. I have had many enjoyable talks on dentistry with this chap, a young man from Minneapolis.

A gunner friend of mine re-blued Frank's pistol and put in a new barrel for me; it's like new now and I'm proud of it. I clean my guns every third day, as otherwise this salt air rusts them fast, and so far I have no rust. We are furnished plenty of sperm oil, which gunners say is better than mineral oil for arms.

★

October 1, 1942

It takes mail a long while to arrive. Thus far I have received none. When we do, it will arrive in a bundle, I suppose, and *will* it be welcome!

★

October 21, 1942

I have my dental office set up in the front half of a frame building that is screened-in; I partitioned off this front half with canvas for myself and the X-ray machine. Here I have an adequate setup for field equipment: my light and a good stock of materials, minus only one item I mentioned I would have, and that is an electric motor. I have a pedal type, but to my surprise I have found it works out fine.

I have two excellent corpsmen.

February, 1942

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"The natives are intelligent."

one I had boasted of in the hos-
tal at New River, and the other
as, at the last minute, placed with
our company and had worked in
my office in Norfolk. So we kid
about having a little direct current
when I need the motor and get a lot
of fun out of it. I have really put out
the work since the completion of
this setup.

Today I finished my company,
first examining each man, correct-
ing his dental record for identifica-
tion purposes, and listing the need-
ed service calling one in after the
other. Along with this we have
given thirty of them prophylaxes,
which I feel is important out here,
as any infection is readily picked
up in this part of the world and
then is harder to correct than in our
original climate.

Tomorrow I start in my Inter-
national pickup (a $\frac{3}{4}$ -ton with a
canvas cover) to examine the first
of my four other outfits assigned to
me. I have a total of some 1100 and
they all need dental care badly.
I'm occupied for a considerable

time longer now; should I catch up,
we will move on or a new crop of
soldiers will come in. I will set up
appointments and have them come
in here for the operating. I have
done considerable surgery and had
a couple of hospital cases and,
should the big day come, I can see
many such cases coming my way.

During battle I will be in the ad-
mission tent to do oral and all mi-
nor surgery, sort the wounded, and
discharge those back to duty that
are able to go. They have given us
many drills at all hours, and we
now feel secure for the real thing
should it come.

Censorship, acting as transporta-
tion officer and drill officer, are
side-lines and fill in any spare mo-
ments I may have, but I wouldn't
give any of them up. This is the
only station where the men are not
limited on the amount they can
write and, if they write, I'll con-
tinue to get it out some way. I get
together with my truck drivers and
iron things out, and then shoot the
breeze for a while.

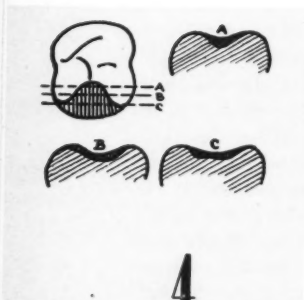
Another week will find me in my
native hut. Two natives are build-
ing it for me and tonight they have
finished most of the roof. I have
chosen the highest spot on our com-
pound, a little mound that affords
the only view of the sea and a few
nearby islands, and a breeze hits it
from two angles. I will gladly give
up my tent, as it is dark, and mos-
quitoes seem to love it; too, the hut
will be cool and light. It is of a long
oval design with four large logs af-
fording the main support. The back
will be completely enclosed with

(Continued on page 194)



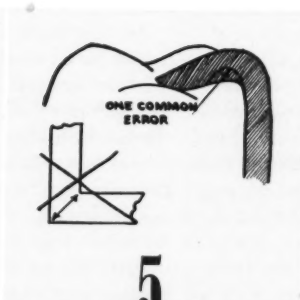
Conducted by W. EARLE CRAIG, D.D.S.

Drawings by Dorothy Sterling



4

Cross-section drawings show proper preparation for posterior rest. Note that flat surfaces converge toward mesial or distal fossa, diverge toward mesio-buccal and lingual or dicto-buccal and lingual angles.



5

Round off prominent mesial or distal marginal ridges and round out mesial or distal fossa to approximate a spoon-shape. Avoid sharp angles at mesio or disto-occlusal angles.



6

The width of the occlusal rest should be such that lines drawn through the tips of the buccal and lingual cusps of the artificial teeth would fall within the margins of the rests.

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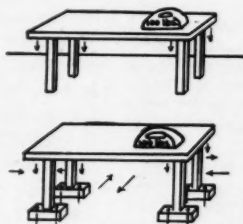
The Occlusal Rest—Foundation of Successful Partial Denture Design

by J. ARTHUR MALCOLM, D.D.S.



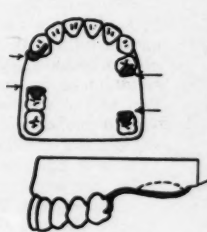
1

Whether the dental arch be square, ovoid, or tapered type, any bilateral partial denture must be stabilized against force in all directions along the four axes indicated in the drawings.



2

The partial denture must have four occlusal rests, properly positioned and stabilized against vertical and lateral movement—just as a table on shipboard must have four legs, cleated to the deck.



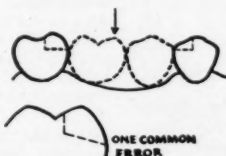
3

The rests should be placed at the mesial and distal termination of edentulous areas. In distal extension cases, extend saddles over the tuberosities of mandible and maxilla.



7

Secondary rests in the buccal or lingual grooves of molars often prevent rotation of the replacement about an axis formed by the occlusal rests.



8

Floors of occlusal rest preparations should be as nearly as possible at right angles to the long axis of the abutment tooth and the direction of masticatory force.



9

When a mesial tilting of molars prevents preparation of occlusal rest seats at right angles to masticating force, the abutment should be supported against movement distally.

Ask Oral Hygiene

Please communicate directly with the Department Editors, V. Clyde Smedley, D.D.S., and George R. Warner, M.D., D.D.S., 1206 Republic Building, Denver, Colorado, enclosing postage for a personal reply.

X-Ray Treatments

Q.—I have a patient, a young man. I have a full-mouth roentgenogram taken of him in June, 1939. It shows a normal condition of the roots. There is a question of the vitality of the upper right second molar and the roentgenogram showed two cavities also.

At that time, he had a mixed tumor below the angle of his lower left jaw, toward the back. This was removed at a hospital here on November 23, 1939. Since that time he has had X-ray treatments for fifteen minutes. These made his mouth dry and burned the tissues. This continued for seventeen days, and after that he was to have an X-ray treatment every three months.

They said where they gave the treatments that it might make his teeth loose and he might lose them.

The restorations have come out to some extent, but most of the molar teeth had extensive restorations. Most of the crown was filling material. It seems best to extract these molar teeth now. Would it be all right to use block anesthesia for the extractions? I believe that the mixed tumor was not connected with the teeth in any way, but the X-ray dried up his mouth. Would that have any effect on his mouth if the teeth were extracted? The mouth seems normal now.—E. A. P., Rhode Island.

A.—In our experience it is not safe to extract teeth until about three years after deep X-ray therapy around the neck or jaws. The bone does not heal well before that time.

In one of our cases in which a man about 55 had had deep X-ray therapy on the left side of the neck for actinomycosis, there followed rampant caries. Knowing the danger of extracting the teeth at that

time, we preserved them with restorations for a little over three years. We then extracted and made dentures. The wounds healed nicely but, in a little less than a year, he developed an osteomyelitis of the left side of the mandible. We didn't treat this condition, but we saw him occasionally and think it was about two years before this cleared up.

With the history of this case before you, you will know what to do.—GEORGE R. WARNER.

Erosion

Q.—I would like your help in a problem of erosion. The patient in question is a woman, 20, of a well-to-do family.

Her bicusps, upper and lower, have deep areas of erosion at the gum line. The first bicusps are the worst. Erosion is just starting on the cuspids and labial of the lower anteriors at the gingival. The bicusps will have to be restored as the portion next to the gum is starting to decay.

In my fifteen years of experience I have usually found erosion of this character in patients between 40 and 50 years old.

The patient claims to be careful of her brushing habits and has a good dietary regimen. All her teeth are in good condition; she has a perfect bite. The third molars are erupting and need small restorations. She says her father is bothered the same way, and has many of his teeth restored.

I am having her watch her brushing habits, get plenty of milk, fruits, and vegetables; and swab her teeth at the gum line with milk of magnesia, to be left on the areas overnight.

Her teeth, particularly the bicusps, have long cusps. When she occludes the buccal cusps of the upper teeth come

halfway down the length of the lower bicuspids. I am wondering if I should grind these?—H. C. B., Illinois.

A.—Erosion may be either mechanical, caused by a toothbrush or dentifrice abrasion; or chemical erosion, caused by the dissolving action of an acid, such as hydrochloric acid or lemon juices. If you can determine the cause in this particular case you should, of course, insist upon the elimination of the cause.

The abnormally long cusps should be shortened by grinding if they are producing lateral trauma. You can determine this by examining the occlusal surfaces for worn facets, and by having the patient close firmly, and run through the lateral and protrusive excursions with the occluding teeth in contact. Watch the teeth closely for movement under this occlusal stress, and also lay your index finger against the buccal surface of the teeth to detect movement during such occlusal excursions.—V. C. SMEDLEY.

Osteomyelitis

Q.—I have a young girl patient, 8, who has had twelve osteomyelitis operations during the past 6 years. She has run a temperature of 100° to 102° until about a year and a half ago and has had constant discharge from some of the lesions until about 6 weeks ago.

The mouth of this patient is in a deplorable condition. Most of her erupted teeth, including her six-year molars, should be extracted on account of rampant caries.

Would it be advisable to undertake these extractions, inasmuch as some of the osteomyelitis involvement on her arms and legs followed after they had been slightly injured. Her general health is fair and, of course, she is nervous.—T. H. R., Wisconsin.

A.—There would be danger of osteomyelitis following removal of teeth in the mouth of a child with such extensive osteomyelitis else-

where in the body. It would be wise, therefore, to make free use of ammoniated silver nitrate and place restorations in these teeth if the pulps are not involved. If the pulps are diseased, it will be necessary to remove them, for foci of infection in the mouth could be a contributing cause to the osteomyelitis.—GEORGE R. WARNER.

Bacillus Acidophilus Test

Q.—Could you tell me just what the procedure is in taking the bacillus acidophilus test? I have three young women patients with rampant caries.—J. R. B., Michigan.

A.—While we have made a great many bacillus acidophilus tests, doing the laboratory work ourselves for some, sending some to your state university and others elsewhere; it seems to me it would be wise for you to follow the procedure in getting the samples advised by whoever does the laboratory work.

The Dental Department of the University of Michigan is prepared to run the tests and to furnish equipment and instructions for collecting the saliva. This will be done, I believe, without cost to you.

If you wish to do the laboratory work yourself, the University of Michigan will be glad to give you a list of equipment needed.—GEORGE R. WARNER.

Eroded Teeth

Q.—Recently I had a patient, a young man of 18, who came to me complaining of sensitiveness around the necks of several teeth.

Upon examination I found erosion had started around the upper right first molar, first and second bicuspids; the upper left lateral incisor; and the lower right first bicuspid. The erosion was about ½ mm. deep in the upper first bicuspid and not so deep in the others. It seemed to form a wedge, not wider than 1 mm. in

any of the teeth and was in the enamel, not in cementum or at the enamo-cementum junction. Recently several other teeth have become sensitive but do not as yet show evidence of erosion.

This patient has a clean well kept appearing mouth and has no restorations and only three teeth with rather deep occlusal grooves which, in a more susceptible individual, might call for small preventive occlusal restorations. This patient reports that these teeth were not at all sensitive until about six months ago, and are now rapidly becoming more so. His teeth are evenly placed and the eroded teeth show no prominence over the rest of the teeth. The occlusion is as nearly perfect as possible.

Is there any known method of stopping this rapid erosion? It seems to me that I recently read an article, which claimed it could be controlled by diet, but I have been unable to find that article.

I do not believe that excessive brushing is involved, and he uses one of the less abrasive dentifrices.

Any information which you are able to give me will be greatly appreciated.—N. K. L., Illinois.

A.—The problem of marked V-shaped erosion in an 18-year old is rather unusual and apparently difficult to solve.

Despite what you say about the condition not being caused by toothbrush abrasion, I still think that the toothbrush-dentifrice combination may be at least a factor.

I also find that erosion, preceded by cervical sensitiveness, particularly in young people, is quite likely to be caused by traumatic occlusion. So it would be well to test carefully for any undue stresses on the affected teeth; particularly the tripping type of stresses.

A diet on the neutral or alkaline side might be helpful. Cervical sensitiveness is helped in some cases by increasing the vitamin B intake. We have used wheat germ for this purpose; a tablespoonful daily.—**GEORGE R. WARNER.**

A Dental Officer Writes from the South Pacific

(Continued from page 189)

laced twigs, the sides having the same kind of twigs knee-high; then there is the oval front with two large openings to catch the other air current. The natives will make blinds of palm leaves similar to the Venetian blind for the sides and openings in the front to let down during rains.

It's going to be real living. Between the two logs on either side that afford the main support there is just enough space for both our bunks and, overhead, attached to these logs and running back over

our bunks to the slanting roof edge, will be a shelf the length of this space for our clothes, which will solve a great problem for us and enable us to empty our sea bags and our crammed trunks so we can find what we want. The back oval is for my desk and two chairs and a trunk on either side; the front oval for taking in the view and sitting until dark. Our new home will cost the equivalent of \$12.00. How is that for low-cost housing?

109 North Pine
Nowata, Oklahoma

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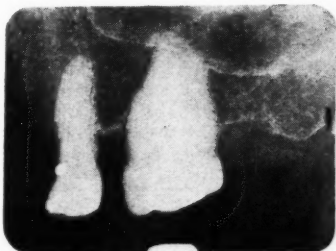


What is YOUR DIAGNOSIS?

Conducted by George R. Warner, M.D., D.D.S.

Case Report XVI

Statement: How does one account for the lack of trabeculation in this case?



Case Report XVII

Statement: The question in this case is the calcification in the soft tissues seen between the first and second mandibular molars. The patient is white, a woman, aged 59. The gingivae feel cold but are not sore and do not bleed.



Case Report XVIII

Statement: This girl, fourteen years of age, has always had good health. The condition depicted in the roentgenogram was discovered when a search was instituted for the missing cuspid.

Solutions to Case Reports Shown on Preceding Page

Case Report XVI

Solution: This is a case of senile osteoporosis.

While this woman is 82 years of age and in excellent health she has a more porotic type of alveolar bone than may occur in one of much greater age.

Case Report XVII

Solution: This is a case of hypertrophic gingivitis with pus formation. Calcification of the hypertrophied tissue has taken place pretty generally over the mouth. The patient lived some thirty-five miles away and we could never get

her back for a biopsy or any further examination.

"Ossification is accomplished only in varieties of connective tissue, but calcification may involve any part of cell or tissue provided it is degenerated sufficiently."¹

¹Widmann, B. P., Ostrum, H. W., and Freed, Herbert: Practical Aspects of Calcification and Ossification in the Various Body Tissues. Radiology, Volume 30, page 598.

Case Report XVIII

Solution: This is an odontoma with apparent cystic degeneration. If there is actually a cyst it is a dentigerous cyst. The cuspid is more lingual to the alveolar ridge than labial.

Please send interesting roentgenograms and case histories to George R. Warner, M.D., D.D.S., 1206 Republic Building, Denver, Colorado.

Dentists in the News

(Continued from page 181)

the Northwestern University Dental School. Doctor Kennedy has been in Nome little more than a year but he reports that he has about reached the \$25,000 limitation placed on salaries in continental United States. He began working the day he arrived in Nome. He

just had time to select an office in the Wallace Hotel when the first patient, with long-accumulated dental needs, sat down in his chair. It was months before Doctor Kennedy had time to complete unpacking the equipment he had brought from home.

This month's awards for news stories published in DENTISTS IN THE NEWS go to:

MISS BERTHA N. KENTNER, 363 Alexander Street, Rochester, New York.

MISS ANN CARMICHAEL, 1526 Sixth Avenue, Los Angeles, California.

MRS. R. G. WHARTON, Western North Carolina Sanatorium, Black Mountain, North Carolina.

CAN YOU USE A DOLLAR?

TO EVERY READER who contributes a newsworthy item, something unusual about a dentist, *which is published in this department*, we will send promptly a crisp, new one dollar bill. Every clipping must be taken from a newspaper and carry the name of the publication and the date line. Clippings submitted, cannot be returned. When more than one copy of a clipping is submitted, the first one received will be used. Send all items to: Dentists in the News, ORAL HYGIENE, 708 Church Street, Evanston, Illinois.

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"Be careless of leaking nostrils
... and your practice will receive
a dangerous threat."

HOW TO KILL A DENTAL PRACTICE

Laffodontia

"See here, young fellow," growled the man at the office railing. "I want to see somebody with a little authority."

"Then maybe I can help you, sir," replied the affable clerk. "I have as little authority as anybody around here."

★

The housewife heard a crash in the kitchen. "More dishes, Mandy?" she called.

"No, ma'am—less," the maid answered.

★

I crept upstairs, my shoes in hand,
Just as the night took wing—
And I saw my wife, four steps above,
Doing the same darned thing.

★

English Prof.: "Give me an example of a paradox."

Someone: "Two M.D.'s."

★

Six-foot-three Soldier: "Shine, boy."

Shine Boy (looking at the vast expanse of boot before him): "Here, Bert, gimme a hand. Ah's got me a army contract."

★

A candidate for the police force was being verbally examined. "If you were by yourself in a police car and were pursued by a desperate gang of criminals in another car, doing forty miles an hour along a lonely road, what would you do?"

The candidate looked puzzled for a moment. Then he replied, "Fifty."

"I have a pain in my abdomen," said the rookie to the army doctor.

"Young man," replied the medico, "officers have abdomens, sergeants have stomachs; YOU have a bellyache."

★

Prof.: "If there are any dumbbells in the room, please stand up."

A long pause, then a lone freshman stood up.

"What, do you consider yourself a dumbbell?"

"Well, not exactly that, sir, but I hate to see you standing all alone."

★

Casey and Murphy were admiring a big London building.

"It's surprisin'," said Casey, with a knowing air, "how mortar binds all those hundreds of bricks together."

Murphy gave his companion a supercilious sneer.

"Whinever are ye goin' to learn a bit of sense, Casey," he replied.

"Sure and whatever d'ye mean?" queried Casey.

"Bricks aren't kept together by mortar," Murphy explained. "Mortar keeps them apart."

★

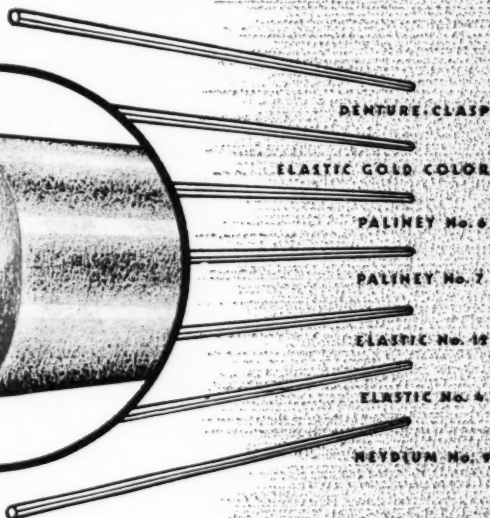
Englishman: "I say, what are they doing?"

American: "They're dancing."

Englishman: "They get married later, don't they?"

NEY

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- Orange — ELASTIC No. 4
\$3.10 per dwt.
- Black — NEYDIUM No. 9
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A MAN AND

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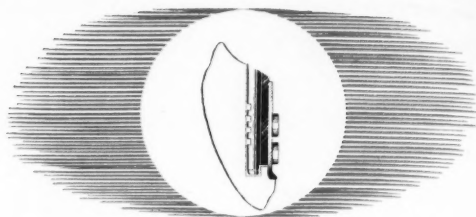
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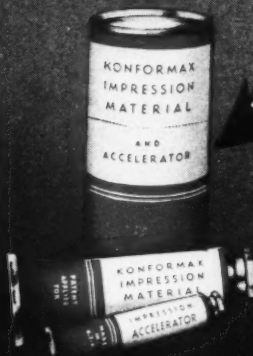
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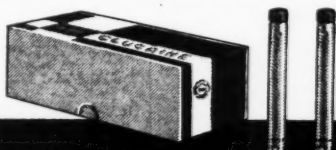
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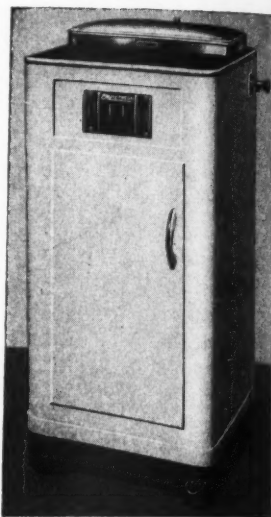
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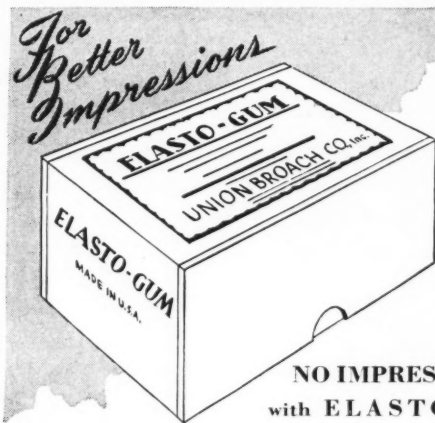
Serving the Dental Profession
On the HOME Front—On the WAR Front

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DENTAL ★ PRODUCTS

Under Ordinary conditions we can make speedy delivery to the dental profession of Torit Dust Collectors . . . Casting Machines . . . Model Trimmers . . . Wax Eliminators . . . Blowpipes . . . Acetylene Apparatus . . . Abrasives,—but *under war conditions* we have, of course, given first call to the requirements of our armed forces. In the meantime we ask your indulgence. Here's to a speedy victory.

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Impressions taken with ELASTO-GUM will always be ACCURATE. The material is elastic, passes over any undercuts or teeth out of alignment, and springs back to its original form. It gives CLEAR, EXACT reproduction of the mouth, registering every detail.

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with ELASTO-GUM

\$1.50 per box . . . No special equipment . . . No special technic . . .

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Pleasant Prospects

Front



WHAT WOMAN is not desirous of winning the attention of men, or what man, the favor of a charming girl? Because gleaming white teeth and an attractive smile go such a long way in gaining interest and admiration, patients often ask your advice regarding the proper home care of their teeth.

Many dentists suggest Squibb Dental Cream and the Squibb Angle Toothbrush, for they have found that through their use one can clean teeth safely and effectively. Because of its unique design the Squibb Angle Toothbrush does a grand job of getting at the hard-to-reach surfaces of the teeth . . . while Squibb Dental Cream cleans thoroughly and brings to the mouth a sensation that's truly refreshing and delightful. They provide pleasant prospects for those who want to guard the beauty of their smile. Why not always recommend them to your patients?

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Squibb Dental Cream—A safe, effective dentifrice made with Squibb Milk of Magnesia—a fine antacid. Smooth, creamy and free from any ingredient which might be harmful to the teeth or gums.

Squibb Tooth Powder—For those who prefer powder. Provides the same advantages as Squibb Dental Cream. Safe and pleasant to use.

Squibb Angle Toothbrush—Has a small brush head mounted on a thin metal shank, bent at an angle like your mouth mirror. Adaptable to all types of mouths and all

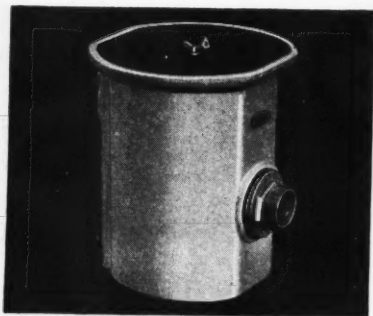
brushing techniques. Has high quality, long-lasting Synton* (synthetic) bristles.

Pargran-V and Pargran-M—The former, a multi-vitamin perle, the latter, a calcium-iron capsule, supplying in proper balance the vitamins and minerals most generally insufficient in the diet. Formula meets recommendations of the Food and Nutrition Board of the National Research Council. May be used to supply one-quarter, one-half, three-quarters or the full daily allowances of these vitamins and minerals. Write for literature.

*"Synton" (Reg. U. S. Pat. Off.) is a trade-mark of E. R. Squibb & Sons.

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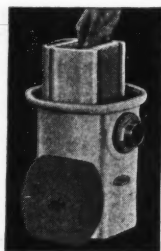
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**RECOVERS INLAYS • SILVER
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POINTS LOST DOWN DRAIN**

The Zurn Plasterceptor not only intercepts and permits easy, immediate recovery of inlays, diamond points and bits of precious metals that may be washed down drain with waste water, but it also prevents clogging of drainage lines by bits of plaster or plastic. The unit is connected directly to the sink drain pipe in dental offices and laboratories. Two perforated metal strainers intercept all solids—even the finest particles—present in the waste water. Body and removable sediment container of durable, sanitary vitreous china. Can be installed on a shelf or on floor under the sink. Ask your equipment supplier or a plumbing contractor. *Attach coupon to your letterhead for new folder on Zurn Plasterceptors.*



**SURE RECOVERY
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Reliance Diamond Points assure greater speed, efficiency, accuracy, and more comfort to the patient.

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FOR THE RELIEF OF Pain

**DUE TO DENTAL INSTRUMENTATION
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Many dentists routinely give one or two Anacin* tablets following instrumentation or extraction. Patients appreciate receiving Anacin and usually benefit from its analgesic and sedative action. Why not use Anacin in *your* practice?

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"I don't use them to eat with"

—you hear it many times from patients who become discouraged with their new dentures during the critical adaptation period. Through no fault of the dentist, many a denture becomes a "Bureau drawer" denture—to be used and worn only on special occasions.

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Dr. Wern
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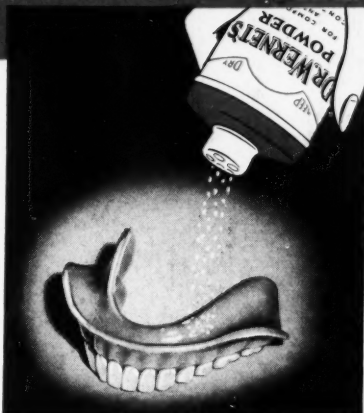
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REA RAWER" DENTURES

ay laded in 7 out of 10 cases
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cases out of 10, a gentle dusting of
Wernet's powder would make all the dif-
ference, hasten the patient's adaptation to
denture, promote satisfaction with the
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Dr. Wernet's powder is acceptable on
it to the patient, easy and pleasant to
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Impartial laboratory tests prove Dr. Wernet's
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(for maximum security) and 46.5% more absorbent
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basic ingredient of
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ADAPTS THE PATIENT TO THE DENTURE

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STOPS HEMORRHOIDAL PAINS WITHIN 5 MINUTES



The medical profession during the past ten years has prescribed RECTAL MEDICONE with ever-increasing confidence and approval. Clinical experience in many hundred thousand cases proves that RECTAL MEDICONE stops hemorrhoidal pain within 5 minutes.

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*Outstanding for Service,
Natural Tissue Tint Blends with
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Hard, dense and strong,
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Their prompt shipment depends upon the supply line of cylinders.

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Use JAMESSON'S Thymol Zinc Cement to Prevent or Relieve Irritation of the Pulp and Preserve its Vitality when Inflamed or Exposed.

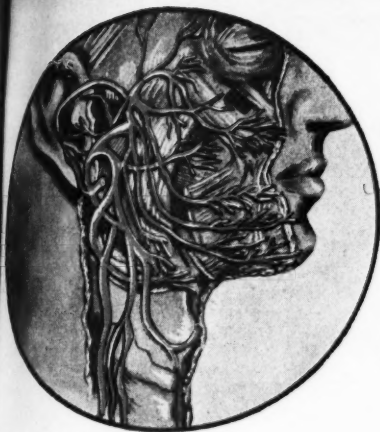
A medicated cement with strong bactericidal properties because of its Thymol content. Extremely slow in setting which greatly prolongs its medicinal action. While it has a low crushing strength, it has sufficient resistance for all purposes if used according to directions. As a matter of fact it is valuable not so much because of its physical properties, but for its unusually effective therapeutic action. It is a medicine first. Price of complete package, \$3.00. A complete technic, prepared by Dr. Paul Jamesson, originator of Thymol Zinc Cement, will be mailed on request. Write for your copy.

CAVITY STERILIZER

Thymol Solution is recommended by Prinz for sterilizing the cavity in place of phenol. It is especially indicated for use before the insertion of a medicated cement.

Thymol has high bactericidal action; will not isolate the action of medicated cement or irritate the pulp, and will not cauterize the exposed pulp. A ¼-ounce bottle is included in the complete Thymol Zinc Cement package. Or it may be purchased separately: ¼ oz. 50c . . . ½ oz. 75c.

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HONEYCOMBED WITH *Nerve- Fibres*

The mucosa of the oral cavity and related muscular structures are well supplied with both sensory and motor nerves—explaining the exquisite tenderness and local spasticity following a difficult tooth-extraction.

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As a comfort-bearing analgesic for prolonged topical application to the buccal mucosa

Dillard's Aspergum

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By chewing Aspergum the patient releases a soothing flow of aspirin-laden saliva that laves the recesses of the gingivae. Traumatized tissues are kept moistened and less sensitive to pain.

Use Dillard's Aspergum preoperatively to allay apprehension and pain, post-operatively to relieve discomfort following surgical procedure or as a means of soothing gingival soreness associated with periodontal treatment.

Ethically promoted—not advertised to the laity.



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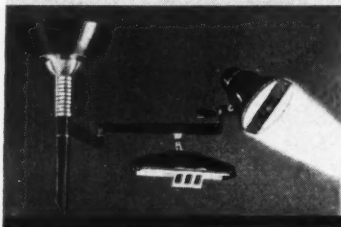
WHEN THE *LIGHTS* GO ON AGAIN ★ ★ ★ ★ ★



... the TRI-LUMINAR OPERATING LIGHT will still be foremost in the dental field for it alone has the advance engineering that provides three lights in one.

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... meanwhile we urge those of you who require improved seeing conditions to order a Tri-Luminar Operating Light now ... deliveries are still being made ... but do not delay.



We are still able to deliver the High Frequency Vitalometer for testing tooth vitality though our stocks are dwindling ... write for details.

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GARHART'S AMALGAM METER

TWO - WAY ARMOR CLAD



TWO LEVERS operating simultaneously for accurately proportioning alloy filings and mercury. The **LARGE** one dispenses the alloy while the **SMALLER** one dispenses the mercury. Each lever operates in a separate channel, but **WIDELY** separated from each other, thereby *positively preventing the formation of amalgam film leakage.*

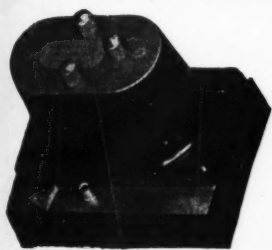
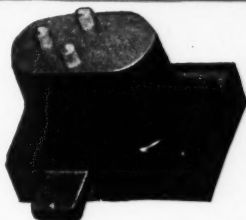
ONE LEVER CONTROL (offset): Only **ONE** lever extends through the **BASE**. The other lever (mercury) is enclosed in the **BASE** where it travels simultaneously with the alloy-lever, and only **ONE** extension spring is required to operate **BOTH** levers.

ARMOR CLAD PROTECTION: All of the valve-plates and both sides of the alloy-lever are clad with hard stainless steel. The bottom of the **HOPPER** is surfaced with heavy gage monel metal.

PREVENTION of CLOGGING: The **GARHART METER** seldom requires cleaning.

NOTICE—This **METER** was designed to provide **WEAR-PROOF** properties, seldom requiring servicing. Orders for civilian use are subject to delay due to the present demand for war purposes.

*Further information
supplied upon request.*



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FINE FILLING MATERIALS SINCE 1892

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Try this proven PSYCHOLOGICAL Technique . . .

TO MAKE OFFICE TIME MORE PRODUCTIVE

In these days of full appointment-books, when you take valuable time to teach tooth brushing, you must make that time productive, resultful. It is time wasted if your patient forgets your instructions. You can help make these minutes at the chair far more valuable for you and your patient if you take a tip from the psychologist.

Provide an OBJECT to Assist MEMORY

To assist memory, recommend Pycope Tooth Powder and a Pycope Tooth Brush to the patient, in place of her usual brand. The mere sight of these different and unusual aids to mouth hygiene, serves to recall you and your instructions, helps to break down improper habit-patterns.

The Pycope user always knows who her dentist is—and what he did for her!

PYCOPE

Pronounced PY-KO-PAY

The Pycope brush is designed on professional lines: 2 rows, 6 tufts, small head, firmly bristled.



Pycope Tooth Powder bears the Seal of Acceptance of the Council on Dental Therapeutics of the American Dental Association.

TOOTH BRUSHES AND TOOTH POWDER

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HOW MEMORY WORKS

Recollection is determined by depth of impression and *strength of association*. To be remembered or recalled, the past experience must be suggested by the present. From: *Encyclopedia Britannica*



How to get best result with

BAKER



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Aristaloy

READ THESE IMPORTANT FACTS!

Aristaloy restorations have all the characteristics of cast metal. However, to get such results, Aristaloy must be accurately proportioned with mercury. This may be done by weighing the portions or much more easily by using the Baker Adjustable Aristaloy Dispenser (supplied without charge in our #1 Demonstration Package).

Aristaloy occupies far less volume by weight than any other alloy. Therefore, do not attempt to proportion Aristaloy with any other type of dispenser nor is the Baker Adjustable Aristaloy Dispenser accurate for ordinary course grain alloys.

Aristaloy particles are selected by our special apparatus to conform to certain sizes and shapes which allow the particles to slide closer together into a more dense mass even in its unamalgamated state. That's why you get so much more Aristaloy metal into a given area. What's true in the dispenser is equally true in the tooth.

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... it's ethical, instructive, and economical to use copies of YOUR TEETH AND

To date we can report sales of this ethical, educational
9,500. Many dentists throughout the

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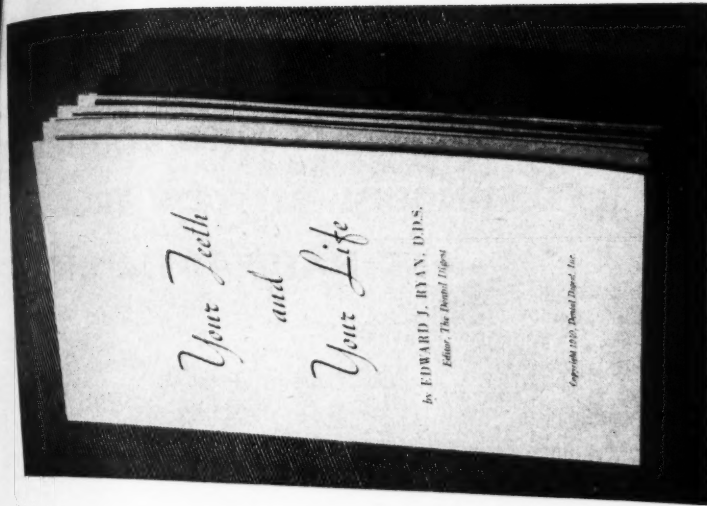
To date we can report sales of this ethical, educational booklet totaling over 165,000. Many dentists throughout the country are using it regularly.

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OF DENTISTS WHO COULD NOT
DISTINGUISH BETWEEN TRUE-BLEND
AND NATURAL TEETH!

100%

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ANGELES
93%

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SCOTT
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Dr. Myerson's TRUE-BLEND Anterior

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FROM COAST TO COAST

At seven conventions, alert dentists and prosthetic experts were given this simple test. At a distance of less than three feet from the patient they were asked to pick the True-Blend used in a partial denture. 89.5% failed . . . and they *all* thought they knew teeth!

We knew True-Blend had greater naturalness than any other artificial teeth, but this amazing percentage gave positive proof that they defy detection even when compared directly with natural teeth.

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Electro-formed **DIES**

FOR INLAYS AND JACKET CROWNS



The Hanau Jr. Electro-Forming Outfit above is the ideal equipment for the average practice. It is built for years of trouble-free service. Operates direct from office current—no special wiring. The price, complete, is \$28.75 at your dealers. For full details—write for *free* catalog.

GREATER ACCURACY
with
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Hanau Electro-Forming equipment makes possible an exceptionally practical technique for producing accurate metal models for inlays and jacket crowns. The procedure is simple and economical. It consists of electrolytic deposition of copper on your impression. The resultant die is exact to size—no shrinkage or expansion—precise to the finest detail. Electro-formed dies have sharp, hard edges which do not chip or distort during burnishing or swaging. They are excellent with porcelain or acrylics and will not contaminate gold.

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4 OZ.
GLASS JAR
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- IS NOT MEDICATED
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Without Collapse of Cup—The Lip Does the Work



Complete Handpiece Protection

PERFECTION
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"BUILD YOUR PRACTICE
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Send 40c for two adult brushes. Then make
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I enclose 40c for two brushes. Send me:

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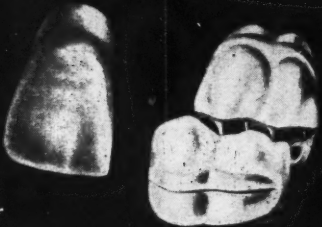
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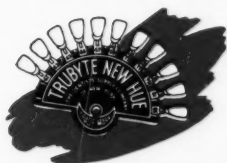
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NATURAL SHADES

that match the complexions and natural teeth of patients of all ages.



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that provide a form for every face because the teeth are carved by the laws by which all faces are formed — basically square, tapering and ovoid, and the most frequently seen combinations of two or all three types.

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that vary, on the average, by one-half millimeter in width of the central. A size for every case, a width for every space.

Precision methods (patented) of moulding produce standardized sizes in each Trubyte New Hue form.



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Masel's PURE PLATINUM Ready-Made Crowns are ideal for those patients who object to the color of gold crowns. Inexpensive but known for their esthetic merit these crowns are strong, durable, and permanent in color.

Masel's PURE PLATINUM Ready-Made Crowns will please your patients. You will be pleased too. Platinum rightfully commands the highest respect in the mind of every patient.

No complicated technique... easy to fit and adapt... will withstand any degree of contouring and cuspal adjustment for perfected articulation.

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THOUGHTFUL dentists promote their patients' comfort by cleansing the mouth frequently with Glyco-Thymoline during treatment. Glyco-Thymoline is recommended by many dentists to help heal and soothe irritated tissue after extractions. This fifty year old alkaline solution is sold at all drug stores.

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Judgment and Skill...



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Patients' *mental* reactions to materials used in restorations are often quite as important as their *physical* reactions to comfort and performance. • Realizing this fact, many successful dentists attain a psychological advantage by

specifying Platinum-Palladium-Golds when the use of metals is indicated. • Patients respect dental work executed in Platinum-Palladium-Golds. They naturally associate fine workmanship with precious metal alloys.

Platinum Metals Division

THE INTERNATIONAL NICKEL COMPANY, INC.

67 Wall Street, New York, N. Y.

...advantages only possible with modern dental gold.

First, inasmuch as the fit of a case is the most important factor we have to contend with, consider that: Gold casts more accurately than any other dental metal. It can be buffed, ground, soldered and manipulated. Clasps can be adjusted more precisely too, because of gold's ready workability and because all of the above operations may be done right in your own office.

Second, in practical dentistry it is necessary to consider the possibility of future repairs, adjustments or the addition of tooth units to the structure. These are always possible and practical if the case is made of gold. No special equipment is required to alter or adjust dental gold structure.

Third, modern dental golds possess high strength without being excessively hard or brittle. Gold structure has sufficient *resiliency* to absorb and dispel punishing masticatory stresses instead of directing them to abutment teeth.

Fourth, gold transmits heat and cold more than seven times more rapidly than any other dental metal.

*Result: Gold cases are most practical,
serviceable and comfortable to wear.*



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NEW YORK



THEIR ADVANTAGES

LIVE ON

Even though BS Polishers themselves may be temporarily unavailable due to the demands of the Army, the advantages which they offer live on in the minds of experienced dentists. BS Polishers are alone in their extra safety, convenience and gentleness.

It is worthy of the high stand-



ards of your profession to continue to want them and to continue to purchase them even though a temporary shortage may prevent your getting them every time you place your order.

YOUNG DENTAL MFG. CO.

4958 Suburban R. W.
ST. LOUIS MO.

New Speed FOR AN IMPORTANT JOB!

Today not minutes—but hours can be saved in preparing X-ray developers and fixers with **Urell X-Ray Solutions**. You just dilute and develop... add nothing but water, use no special equipment. And the finished record—developed and fixed in less than five minutes—has all the hardness, density and diagnostic qualities you desire. Manufactured under strict control by specialists in radiographic record processing. Supplied by your dealer.

UUREL DEVELOPMENT LIQUID SOLUTIONS
1 QUART CONCENTRATE \$ 3.75
(includes one gallon)
4 QUARTS CONCENTRATE 3.15
(includes four gallons)

UUREL CONCENTRATED LIQUID FIXES
1 QUART CONCENTRATE \$ 2.75
(includes one gallon)
4 QUARTS CONCENTRATE 2.30
(includes four gallons)



Urell Inc.

1414 N. VERMONT AVE., LOS ANGELES, CALIFORNIA

MILLER'S ELECTRIC HANDPIECE

FOR CHAIR AND
LABORATORY USE

Save your present hand-piece for oral work.

Ask your Dealer for
Free Demonstration

CHICAGO WHEEL & MFG. CO.

Dept. OH

1101 W. Monroe St.
CHICAGO ILLINOIS

Send for Catalog



Tepper's STERI-CLEANERS

Polish Quickly...No Loose Pumice

Tepper's Steri-Cleaners give you smoother, cleaner polishing than you've ever experienced—they polish fillings quickly; smoothly. Order through your dealer.

MARTIN RUBBER CO., Inc.
LONG BRANCH, NEW JERSEY



QUESTION: *I have been told that the bones in canned salmon are edible. Do they have any food value?*

ANSWER: Yes, the heat treatments employed in processing canned salmon or other fish packed without removal of the bones renders the bones readily edible. Fish bones contain a high proportion of calcium and phosphorus. By consuming the fragile bones along with the flesh of canned fish important additional amounts of calcium and phosphorus are obtained (1).

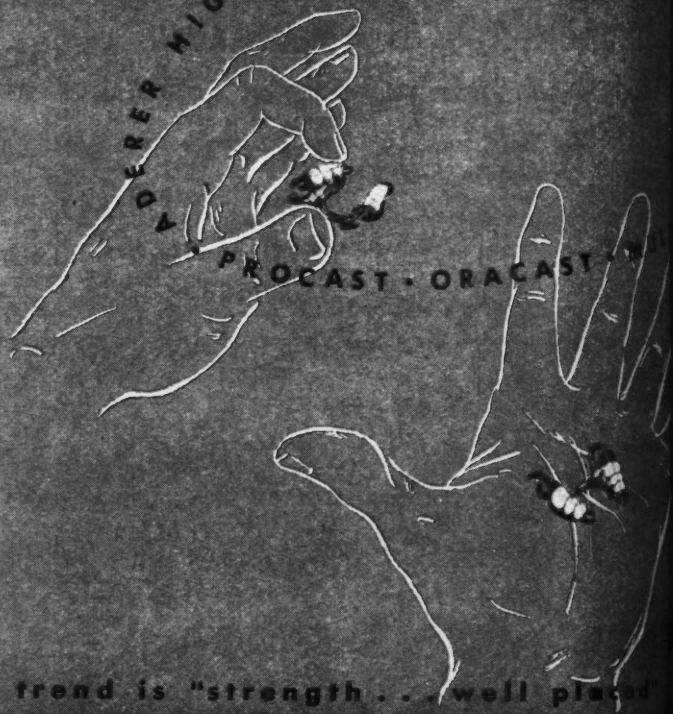
American Can Company, 230 Park Avenue, New York, N. Y.

(1) 1939, U. S. Dept. Commerce, Bureau of Fisheries
Investigational Report No. 41



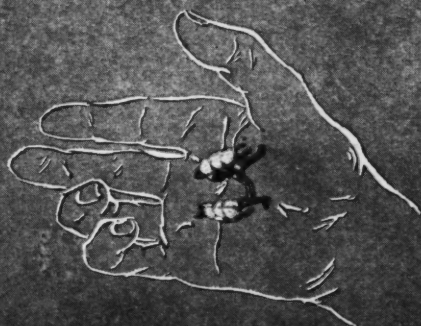
The Seal of Acceptance denotes that the nutritional statements in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.

strength for delicate structure



The trend is "strength... well placed"

HIGH STRENGTH GOLDS
SPEED AND SEGMENT SOLDERS



ADERER GOLDS

Julius Aderer, Inc., New York • Chicago

for strong, streamlined structure.



AWARDED ...

"FOR HIGH ACHIEVEMENT IN THE PRODUCTION OF WAR EQUIPMENT"

H. G. Fischer & Co. is proud to fly above its plant the ARMY and NAVY "E" Production Award. Presented in recognition for outstanding achievement in war production, this, along with Old Glory, is another flag we are firmly resolved to keep flying.

Credit goes to all members of the FISCHER organization for doing well the job in which we are best experi-

enced. We feel, too, that this high honor must be shared by the dental profession, whose patronage in past years has helped make our present plant and war production skills possible.

H. G. Fischer & Co. is indeed proud of this flag and we shall, in the words of Admiral K. C. Melhorn's presentation address, "Fly it with the fierce, unconquerable faith in our cause that will not falter at any burden or any sacrifice, 'till our country attains the priceless objective of our common cause—the victory of all free men."

H. G. FISCHER & CO.

2323-45 Wabansia Avenue, Chicago, Illinois



TEETS METAL COATING

The Newest Thing in Dentistry

It's needed! It works! You'll agree! Blanks out areas where metal would show thru acrylic materials in dentures, partials, synthetic jackets, bridges, etc. Costs but little, goes a long way, easy to use.

Introductory package \$1.75. Large lab. pack \$4.50
ORDER from your Dental Supply House TODAY

CO-ORAL-ITE DENTAL Mfg. Co.

Makers of Superior Dental Products Since 1919
SANTA MONICA, CALIFORNIA



PEERING and groping can ruin your sight. And who ever heard of a blind Dentist? Keep your eyes keen and comfortable by

giving them the finest oral and field illumination your money can buy—Pelton E & O and Pelton Ceiling Lights!

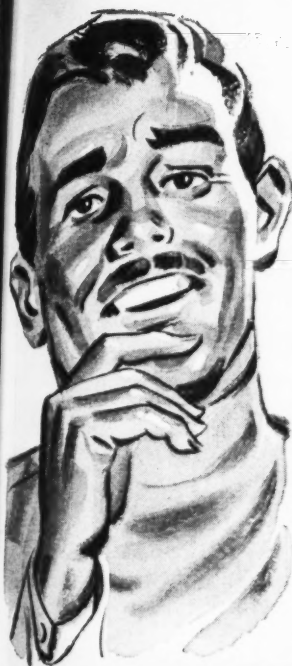
THE PELTON & CRANE CO. • Detroit
Established 1900

PELTON DENTAL LIGHTS



DENTIST:
ment tha
confirm th
records of

PE
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**"Pepsodent makes teeth
far brighter?" That's a
strong claim! Any proof?**



DENTIST: As a dentist, I'm skeptical about all advertising claims. That's why I'd like to know the facts upon which you base the statement "Pepsodent Makes Teeth Far Brighter!"

US: Reading Pepsodent ads, you'll note that tests made on several sets of twins invariably proved Pepsodent's superior polishing ability.



DENTIST: You also state here in the advertisement that independent laboratory findings confirm the results of the Twin Tests. Are the records of these findings available to dentists?

US: Yes, we have two booklets describing these tests, as well as Dental Chair and Photo-electrometer tests. All prove Pepsodent makes teeth *far* brighter! May we send you copies?

**THE
PEPSODENT
COMPANY**

The Pepsodent Company, Dept. 8402
141 West Jackson Boulevard, Chicago, Illinois
Please send me gratis:

- ☐ "Seeing Double—A True Story About Identical Twins"
☐ "Lustre Production by Tooth Powders."

Name.....

Address.....

City..... State.....

"In Sorrow Thou Shalt Bring Forth Children"



1807-1870

"In Sorrow Thou Shalt Bring Forth Children"

That was the curse pronounced upon Eve in the Garden of Eden. That, too, was the verdict of the clergy for many centuries.

But Sir James Young Simpson was of a different opinion. He sought something to bring relief to suffering womanhood from the pain of childbirth. He tried ether and found it wanting. For months he experimented with other drugs. Then he discovered the anesthetic properties of chloroform and began to use it successfully for the alleviation of suffering during childbirth.

Like other Men Against Pain, Simpson, too, found opposition to his discovery — from the clergy on religious grounds, from his professional colleagues on an ethical basis.

Sir James Young Simpson stands high on the list of Men Against Pain.



AN EARLY
CHLOROFORM
APPARATUS

MEN AGAINST PAIN

JAMES Y. SIMPSON

MONOCAINE



Pain is just as agonizing in the dental chair as in childbirth. Our Men Against Pain, like Sir James Y. Simpson, are forever on the alert to discover new drugs, better containers.

Through painstaking research, some forty new compounds possessing anesthetic properties were synthesized in our laboratories. Of these, Monocaine HCl proved, in experimental work on animals, to be a local anesthetic of great potency and safety. Clinical application fully substantiated the findings of our research workers.

Now, after a short period (only six years)—more than 90% of all

Novol procaine users have chosen Monocaine HCl as their anesthetic, not because of the findings of the pharmacologist or the chemist, but because of results they obtain on patients, in their own offices.

Like Dr. Simpson, you, too, are a Man Against Pain. You, too, should Blackout Pain with Monocaine.

NOVOCOL CHEMICAL MFG. CO., Inc.
 2911-23 ATLANTIC AVENUE
 Toronto • London • Buenos Aires • Rio de Janeiro
 BROOKLYN, NEW YORK

PYROZIDE TOOTH POWDER

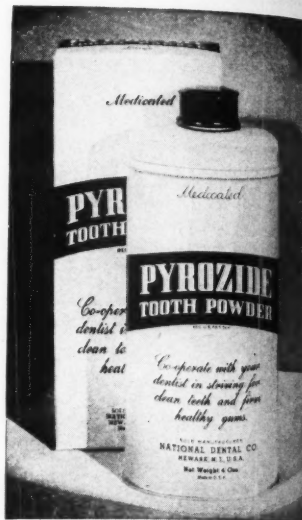
The inclusion of DENTINOL (liquid) in PYROZIDE TOOTH POWDER produces a fine, medicated dentifrice which has been prescribed throughout the world for almost 40 years and has created for itself many satisfied users and much good will.

PYROZIDE TOOTH POWDER is non-abrasive, removes mucoid deposits and the daily accretion of salivary calculus.

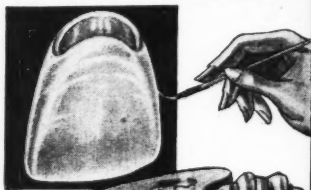
Recommend it for a daily dentifrice to your patients, child and adult alike.

Accept no substitutes for DENTINOL or PYROZIDE TOOTH POWDER.

WEB DISTRIBUTING CO., 259 South St., Newark, N.J.



TRANSLUCENT PORCELAIN JACKETS



THE MASTER'S TOUCH

As the country's largest and oldest ceramic laboratory we ask you to send your impressions to us for beautiful, transparent porcelain restorations. Your porcelain jacket is shipped same day we receive impressions. We use first class mail and pay postage. Send for free BOOKLET "Easy Method of Preparation for Porcelain Jacket."

M.W. SCHNEIDER
30 N. MICHIGAN AVE. * CHICAGO, ILL.

Crescent Webbed POLISHERS



supplied for **ANGLE**
or **STRAIGHT** handpieces

- Webs retain abrasive while in motion, avoiding splash or spray
- They are smooth and gentle, yet powerful
- Webs provide greater, more effective polishing surface
- Permanently mounted—will not slip off.



Pat. Sept. 14, 1937

CRESCENT DENTAL MFG. CO.
1839 S. Crawford Ave. CHICAGO

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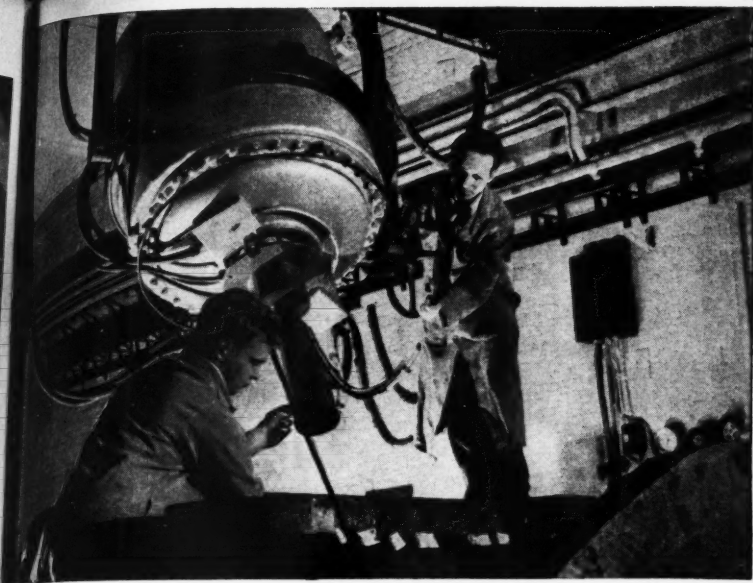
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THE X-RAY IN WAR SERVICE

x-rays and men—both are working
industry.

are contributing to the nation's vast
production program by helping to keep
power on the job. We are proud that
CDX dental x-ray unit is helping you
your job.

ustry, too, is contributing mightily, and
first concern in the production program
that our fighting forces will have the best
equipment possible. To this end, they find
x-ray inspection of materials is the best
quickest method of insuring high
quality.

much the same way that you use x-rays
search out trouble spots in your patients'
mouth, the big brothers of your CDX are

used for x-ray inspection of castings—from
tiny plane and gun parts to huge warship
castings—to detect flaws which, if left un-
corrected, might seriously weaken our war
effort. This giant million-volt unit will
pierce several inches of steel with the same
results of precision and accuracy that you ob-
tain with your CDX in dental radiography.

The confidence placed in this powerful in-
dustrial x-ray unit is no less than the con-
fidence you place in your CDX dental x-ray
unit. It is our duty and privilege to uphold
this responsibility of confidence given us
by both you and our war industries.

**GENERAL  ELECTRIC
X-RAY CORPORATION**

2012 JACKSON BLVD.

CHICAGO, ILL., U. S. A.

Today's Best Buy - U. S. War Bonds

UNITED DRUG COMPANY and YOUR REXALL DRUGGIST
YOUR PARTNERS IN HEALTH SERVICE



**Rexall
DRUGS**

U. D. Products
are available
wherever you
see this sign.

Mi 31 — The Fast-Action Oral Antiseptic

Effective and harmless to the most delicate tissues

For more than a quarter of a century thoughtful dentists have used Mi 31 in their practice and have won their patients' gratitude for recommending this pleasant tasting oral antiseptic that, when used as directed, cannot harm the most delicate tissues. It is so economically priced that there is no need to stint its frequent daily use.

Innumerable laboratory tests have proved that Mi 31 used full strength kills contacted mouth germs in 15 to 25 seconds and it is still effective in 3 minutes, even when diluted one-half with water. At full strength it is twice as strong as N. F. VII Antiseptic Solution by laboratory phenol coefficient tests. A product of the United Drug Company Department of Research and Control, one of America's finest and most modern pharmaceutical laboratories, Mi 31 is available only at Rexall Drug Stores. Specify Mi 31 for the safety, comfort and convenience of your patients.



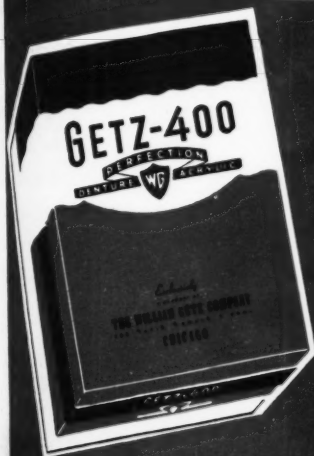
UNITED DRUG COMPANY

BOSTON • ST. LOUIS • CHICAGO • ATLANTA • SAN FRANCISCO
 LOS ANGELES • PORTLAND • PITTSBURGH • NOTTINGHAM • TORONTO

*Pharmaceutical Chemists—Makers of tested-quality
 products for more than 40 years*

GETZ-400

PERFECTION
DENTURE  ACRYLIC



GUARANTEED

to deliver the most perfect performance of any material on the market today . . .

An exclusive manufactured product, protecting you on supplies when other acrylic materials are subject to shortage.

- 1 Delivers up to 25% more dentures.
- 2 Saves up to 30% in time.
- 3 Perfect mixing in 3 to 5 minutes.
- 4 Positively free from porosity, pitting, and tooth checking.
- 5 Easier to chisel and polish.
- 6 Choice of Clear, Mottled, or Flare.

The established ceiling price is \$12. per lb.

**SPECIAL
INTRODUCTORY
OFFER**

(for 60 days)

With the protection of a money-back guarantee, make your own test for perfection in PERFORMANCE and ECONOMY . . . for better results and bigger profits.

\$10.
PER
LB.

Ask your Dealer or write us direct

THE WILLIAM GETZ COMPANY
185 N. WABASH AVE . . . CHICAGO

GUMS "GLOW WITH HEALTH"

STIM-U-DENTS are made of soft tropical wood scientifically designed to provide safe effective massage of the interproximal tissue and to clean the hard-to-get-at spaces between the teeth without injury to interproximal silicate fillings. Employed with excellent results as an aid to prevention and treatment of PYORRHEA and GINGIVITIS. The gum tissue seems to "glow with health" from their daily use. By this pleasant home treatment patients are aroused to a new interest in their teeth. They see their dentist more frequently. They acquaint their friends with STIM-U-DENTS. TOOTH-CONSCIOUSNESS is promoted with more and more people interested in the care of their teeth. STIM-U-DENTS also make excellent wedges in inlays and other procedures.

SPECIAL SIZE POCKET CONTAINERS designed exclusively for dentists (see cut) 100 for \$1.00 postpaid. Sample upon request.

STIM-U-DENTS

54 Alfred Street
Detroit, Michigan



CRATEX

WHEELS AND POINTS

*The World's Best Rubberized Abrasives for
Fine Grinding and Polishing*

Send your card with \$1.00 for our special assortment of thirty-three wheels and points. Sold only on a money back guarantee. Through your dealer.

CRATEX MANUFACTURING COMPANY, 81 Natoma Street, San Francisco, California

An INVESTMENT of \$1.00

will acquaint any practicing dentist with the *Cratex* Rubberized Wheels and Points. We say *Investment* with a feeling of security, knowing that a test of *Cratex* products will give you new results in cleaning, polishing, and grinding.

BALDOR DENTAL LATHE

Heavy duty, ball-bearing motor, 1/6 h. p., 2 speeds.
Special type chuck remover. 1-Year Guarantee. Price, \$38.00
without chucks. Write for bulletin 313.

BALDOR ELECTRIC CO., 4372 Duncan Ave., St. Louis, Mo.



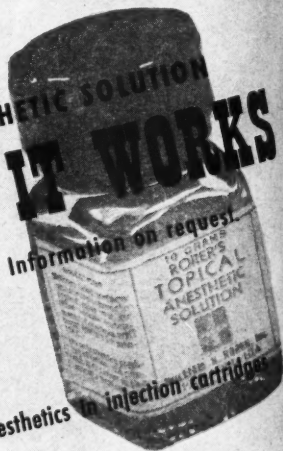
RORER'S TOPICAL ANESTHETIC SOLUTION

IT WORKS

Information on request.

Offered in 10 gram bottles.
WILLIAM H. RORER, INC.
Established 1910
254 South 4th Street
Philadelphia, Pa.

Manufacturers of dental anesthetics in injection cartridges



LTH"



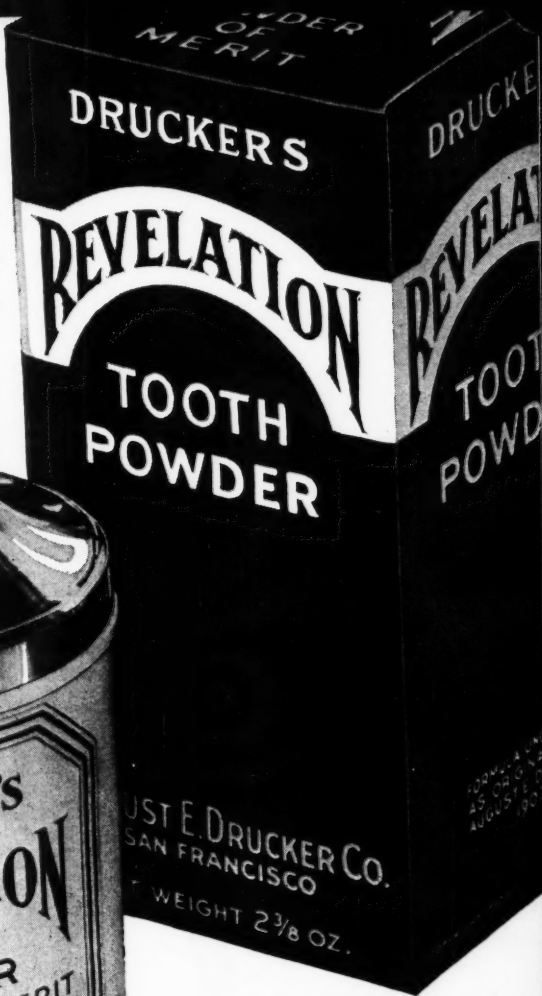
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dentist with
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An
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product
★

5th Year

Consistent
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mula Perfected
August E. Drucker



★ BUY ★
UNITED STATES
SAVINGS BONDS
AND STAMPS

THE PERFECT COMBINATION

FOR

FINER

RADIOGRAPHS

Start with superior x-ray films . . . process them with superior solutions—and you must achieve finer results every time.

The increasing use of DU PONT X-RAY FILMS and F-R SOLUTIONS in hospitals and institutions as well as private offices attests to their superiority.

Call your dental depot today. Specify F-R and DU PONT — the two famous names in radiography that guarantee your entire satisfaction.



X-RAY FILMS



25% FASTER than the most widely used film on the market . . . **GREATER LATITUDE** over a wider range for brilliant diagnostic detail . . . **"PULL-A-TAB" PACKET** for easy, rapid, fool-proof opening . . . **DOUBLE IDENTIFICATION** and double check against darkroom error.



CONCENTRATED LIQUID X-RAY SOLUTIONS

In 16 and 32 oz. F-R graduated bottles. (F-R FIXER contains HARDENER.)



FIRST in concentrated form, F-R Solutions are still first in **QUALITY**. Prepared in less than 60 seconds, they produce films of great brilliance complete with diagnostic detail.



FINK-ROSELIEVE CO., INC.
MEDICAL-DENTAL DIVISION

Manufacturers of the Famous F-R Concentrated X-Ray Solutions
109 WEST 64 STREET, NEW YORK • CHICAGO • LOS ANGELES



MAGIC has no place in the manufacture of Dee Golds.

Yet, in results, the lore of legerdemain is matched by the precision of modern equipment . . . backed by scientific processing . . . plus the unified control of men, methods, and materials through every operation.

Each Dee Gold . . . and there is a specific type for every dental requirement . . . is compounded in accordance with a formula that has been definitely tried and proved. Each lot is subjected to rigid tests for elemental balance, quality, and uniformity of color. The range is wide and you will find an economical Dee Gold to meet the price requirements of every patient.

Dealers everywhere can supply you with Dee Gold and today, in the drastic shortage of technicians, Laboratories will welcome your specification of gold for faster better service.

INLAY GOLDS

DEEONE Soft
DEETWO Med.
DEEFIVE
DEESIX Hard
DEESEVEN

FOR CAST PARTIALS

DEEFOUR
DEETHREE
DEELITE



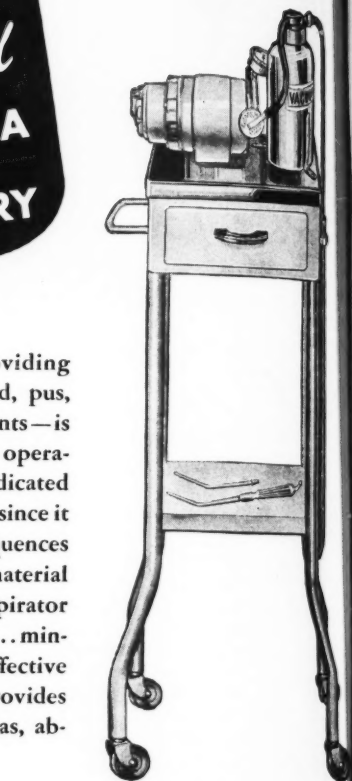
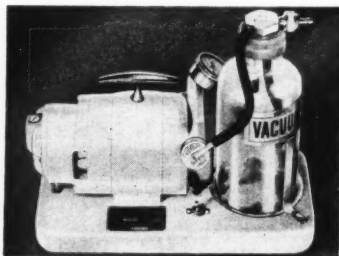
GENERAL OFFICES
AND PLANT
300 W. M. N. ST.

T H O M A S
DEE & CO.
Precious Metals
CHICAGO

DOWNTOWN OLD GOLD
AND SALES OFFICE
55 E. WASHINGTON ST.

*A Modern
Safeguard*
**IN EXODONTIA
AND
ORAL SURGERY**

★ The Gomco Aspirator—providing suction for the removal of blood, pus, saliva, mucous and bone fragments—is an important adjunct to present operative techniques. It is especially indicated where gas anesthesia is employed, since it guards against the serious consequences of a patient's inhaling foreign material into the lungs. The use of the Aspirator eliminates bothersome sponging... minimizes traumatism of tissues by effective removal of infected materials... provides thorough drainage of mouth areas, abscessed cavities, cysts, antra.



ABOVE: No. 790 Gomco Aspirator, modernly designed on convenient stand, with large drawer, bottom shelf, towel bar and tube hook. LEFT: Portable Unit No. 78 is compact, light in weight, readily carried for inter-office use. Ask your dealer—or write for details.

GOMCO
SURGICAL MANUFACTURING CORP.
97 Ellicott Street, Buffalo, N. Y.

GOMCO ASPIRATOR

Before

THE ALASKAN PURCHASE

▼

JUST seventy-five years ago, on October 18, 1867, the flag of Russia was lowered from the staff on the grounds of the Governor's residence at Sitka, Alaska. Midst the booming of cannon, the Stars and Stripes was raised in its place to formally mark the transfer of Alaskan sovereignty from Russia to the United States. This event, by which Alaska became our largest outlying possession, followed years of persevering negotiation by William H. Seward, then Secretary of State.

"Seward's Ice Box" it was dubbed by many in those days. Yet the Alaskan Purchase was one of the momentous events in our history and a date that many living Americans recall. But to many more it is hard to realize that the purchase of Alaska did take place within the memory of some now living.

Just so, it is sometimes hard for us to realize that our founders were producing Sodium Bicarbonate nearly a quarter of a century earlier than this historic date. They joined, in fact, in 1846 to produce the first Bicarbonate of Soda in the Western Hemisphere. So we have had nearly a full century of experience in the making of this essential product.

Our brands, Arm & Hammer and Cow Brand, are widely known as Baking Soda and today one or the other is available in almost every community in the country. Both are good tooth cleansers and are among the dentifrices acceptable to the American Dental Association Council.

**Business Established
in 1846**

CHURCH & DWIGHT CO., Inc.
10 Cedar Street New York, N.Y.

E-ZE

THE PROVED BLENDED ACRYLIC FOR DENTURES



Here is a record that is hard to beat. One laboratory writes us after using 10 pounds of E-ZE acrylic denture base material that he has experienced only two checked teeth. (Name on request) Why don't you try E-ZE?

Excess pressure in closing flask is eliminated with E-ZE

E-ZE To Mix

E-ZE To Pack

E-ZE To Cure (Boil or Vulcanizer)

E-ZE To Finish

E-ZE To Repair

E-ZE Has A Beautiful Color

A HIGH QUALITY MATERIAL AT A LOW PRICE

E-ZE Powder and Liquid, Pink or Clear

Single units.....	\$ 1.30	Cost per unit.....	\$ 1.30
50 unit lots.....	57.50	Cost per unit.....	1.15
1 Lb.....	14.50	Cost per unit.....	.60
5 Lb. Lots (\$14.00 per lb.).	70.00	Cost per unit.....	.58

Order today through your dealer.

ITECO

DENTAL MANUFACTURING COMPANY

PORTLAND, OREGON

Estab. 1924

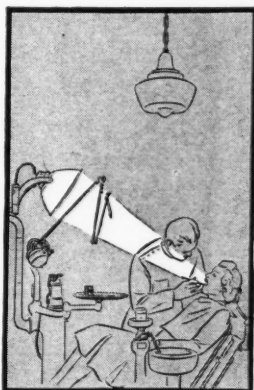
Keep Contrasts Outside the Office



Some dentists work with a spotlight alone. All day long (and now it's far into the night) they are "in and out" of the light. No wonder their eyes grow tired long before they should. THEY NEED CASTLE MATCHED ILLUMINATION.



Others work in a partly lighted office with just a shadow-throwing overhead globe, plus a spotlight. It's still too much contrast for easy, efficient seeing. THEY NEED CASTLE MATCHED ILLUMINATION.

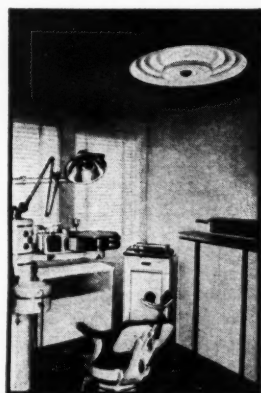


It's All Light Inside the Office with CASTLE MATCHED ILLUMINATION



Wise dentists are enjoying the eye-saving elimination of contrast and glare that a Castle "G-V" Light gives with a Castle "T-V". It's always light . . . day or night. THEY HAVE CASTLE MATCHED ILLUMINATION.

CASTLE "G-V"
(General Vision)
and "T-V" (True
Vision) installed
for better seeing.



WILMOT CASTLE COMPANY, 1122 University Ave., Rochester, N. Y.

CASTLE LIGHTS

THIS IS YOUR *Invitation* TO VISIT..

BOOTH 161

When you attend the Chicago Meeting
... also to visit our Sales Office, just
3 short blocks South on Wabash Ave.

Here is a typical value you will find...
just one of the 14 ready-to-wear models
expertly tailored in 2 special fabrics. Also



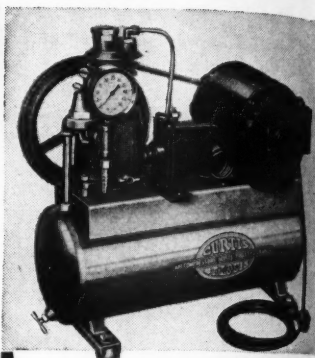
see the range of
46 tailored-to-
measure styles
with choice
from 25 materi-
als. Meantime,
send for fully il-
lustrated Style
Book O.D. and
samples.

Style 11
\$2.55 Sanforized
Shrunk White
Linene
3 for \$7.40
\$3.70 Freshrunk
White
Poplin
3 for \$10.75

This is Style
204 (sizes 14-42)
and it is typical
of the 32 exclu-
sive models you
may choose
from... latest
fashion crea-
tions in crisp
durable poplins
and broadcloth
... and some in
luxurious Ray-
on Sharkskin.
See them all in
Style Guide
O.N., sent free
with samples.
Prices Range
from \$3.50 up.



MANHATTAN MFG. CO., CHICAGO
509 So. Wabash Ave.



CURTIS Dental Pumps

*Operate Quietly,
Efficiently, at Low Cost*

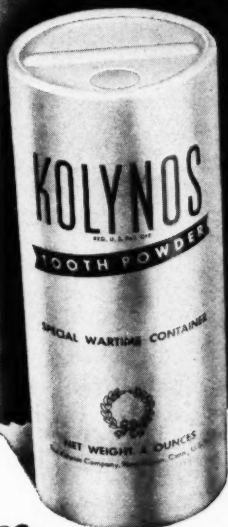
Curtis Automatic Dental Pumps are
especially designed for this exacting
service — to provide compressed air
for the modern dentist. They reflect
Curtis' 88 years of successful engineer-
ing experience and are precision built
in every detail.

You'll find a Curtis Dental Pump
extremely quiet in operation, highly
efficient and thoroughly dependable. It
provides clean, pure air at all times and
operating costs are extremely low. It
occupies small space, starting and stop-
ping are completely automatic and
requires no attention except occasional
filling of oil reservoir. Uses a tasteless,
odorless, colorless lubricant.

Compressed air saves you time, energy
and money — it's an invaluable aid in
operative dentistry and laboratory work
— makes your work easier and better
and patients appreciate its use. Write
for Bulletin C-18.

CURTIS PNEUMATIC MACHINERY CO.
Division of Curtis Manufacturing Co.
1933 Kienlen Ave. St. Louis, Mo.

CURTIS



Is there
any difference
in **TOOTH POWDERS?**

Yes! Dentists everywhere are discovering that the new Kolynos* Tooth Powder is decidedly different! A difference in taste—tangy, "fresh" flavor that gives a zest to tooth brushing . . . a difference in texture—micropulverized powder that transforms into a cleansing foam in a stroke or two. Most important of all, of course, Kolynos Tooth Powder is an effective aid to thoroughly cleaning and safely polishing the teeth.

Have you tried the new Kolynos Tooth Powder, Doctor?
A professional sample is yours upon request.

*Reg. U. S. Pat. Off.

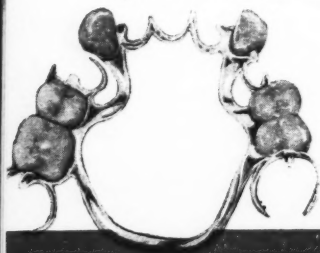
THE KOLYNOS CO., NEW HAVEN, CONN.
MAKERS OF KOLYNOS TOOTH PASTE

THE *Right* OF COMPETITION...

This War—the Greatest of All Competitions—is being fought, in large measure, to defend the right of Competition from destruction by the might of dictatorship.

For Competition is the soul and source of freedom, a vital condition of progress in every field of human endeavor.

The enlightened competitor seeks, not to undermine, but to excel. So it has been with Nobilium, the chromium cobalt alloy of noble performance. In a field of skilled and strenuous Competition, Nobilium through its excellence, has forged ahead steadily to become a real leader. Today, among denture casting alloys, Nobilium is the *new* standby, the preferred product of unmatched quality.



Try Nobilium on your next case and see for yourself why this product achieved such marked leadership in only six short years.

IN DENTAL ALLOYS—**NOBILIUM** IS THE NEW STANDARD

NOBILIUM PRODUCTS, INC.
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Why Bob, I've used
SILV-O-DENT ever since
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Over 300,000
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You may send me a copy of your free
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Dr.

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These improved cotton rolls are
a delight to the efficient dentist
and are not harsh to the patient's
mouth. They are actually **spun** from
100% pure surgical absorbent
cotton to make them softer, more
pliant and non-collapsible. They
adopt easily into any position, are
stretchable and small tufts are
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DENTAL ABSORBENTS CO.

Palms Station
Hollywood, California



Gentlemen -

Please send me a free, generous
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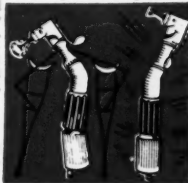
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long known in the Middle West now goes *National!* Send
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OR HARDNESS!** Mullen-Sharpened Burs don't scrape
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Wobbly handpieces are annoying to you and painful to patients.
MULLEN BROS. remove all old
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No vibration. Smooth, steady operation
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Checks NAIL BITING AND THUMB SUCKING

Children who repeatedly suck their thumbs and bite their nails run the risk of transporting germs, dirt, grit and other foreign matter into their mouths and throats. This habit is not only unhealthy but very unbecoming to any child. Use Thum to discourage thumb sucking and nail biting.

THUM contains extract of capiscum (2.34%) in a base of acetone nail lacquer and esopropyl alcohol. Applied like nail polish.

\$.50 and \$1.00 per bottle at your dental depot or druggist.

NUM SPECIALTY CO. 4614 Fifth Avenue, Pittsburgh, Pa.



OH 2-43

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Investigate the newest economical and practical collection procedure. **COLLECT** your accounts promptly. **REDUCE** delinquency. **PRESERVE** the good-will of your patients. **CONVERT** old lagging accounts into cash for 2% or less.

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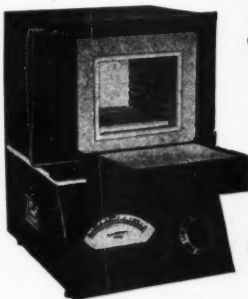
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\$41.25
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Three heat ranges. High, 900° F. Medium, 400°-900° F. Low, 0-400° F. Large, accurate Pyrometer aids in definite temperature control and in securing exact duplication of results.

Interior dimensions, 4½" x 3½" x 4½". Overall dimensions, 11" x 13" x 11". Operates on 110 volts. A.C. or D.C.

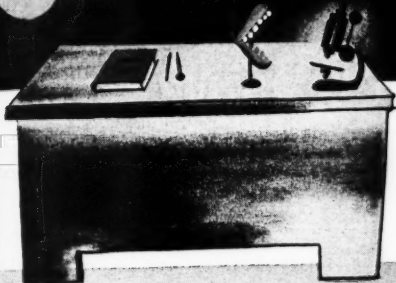
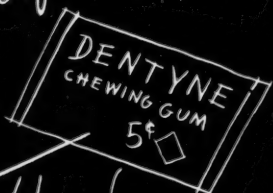
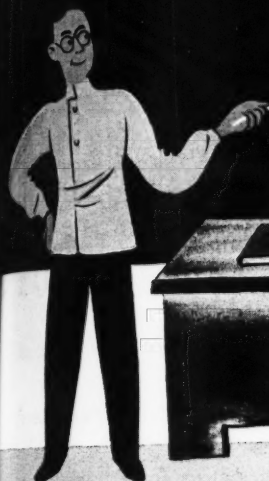
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K. H. HUPPERT

166 W. Walton Place

Chicago, Ill.

Homework for "Outpatients"



Although dental patients are essentially "outpatients" (beyond professional control between office visits), their teeth and gums can still be influenced in favor of structural integrity and functional efficiency during these interim periods, if enough "homework" is assigned . . . to clean their teeth properly; and (above all) to exercise them by the habit of vigorous chewing. Many dentists specify the regular use of a nonnutritive bolus of specially firm consistency — such as that provided by Dentyne Gum . . . formulated with reduced sugar content, yet deliciously flavored for gratifying indulgence.



Dentyne
CHEWING GUM

THE IDEAL MASTICATORY



AN ACHIEVEMENT IN MATERIA MEDICA FROM THE '70's

It was in the '70's that Dr. Phillips developed Phillips' Milk of Magnesia.

Since that time it has remained one of the most widely used of standard medicaments.

Its peculiar physical and chemical properties long have been applied to the problem of dental prophylaxis.

As a well-rounded regimen for daily oral hygiene, many dentists suggest:

Phillips' Milk of Magnesia Tooth Paste or Phillips' Milk of Magnesia Tooth Powder to keep the teeth clean and to neutralize mouth acids on contact.

Phillips' Milk of Magnesia used twice daily as a mouth antacid to combat local acidity.



Phillips' Milk of Magnesia or the convenient tablets taken internally to combat acid eructations from sour stomach.

PHILLIPS'

Milk of Magnesia

Prepared only by THE CHAS. H. PHILLIPS CHEMICAL CO. New York, N.Y.



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PAIN *and* FEVER

The use of Bayer-Tablets of Aspirin to effect relief of pre- and post-operative dental pain is standard in most dental practices today.

Perhaps it is not fully appreciated that the antipyretic action of Bayer Aspirin is of value where infection has complicated the dental picture.

Each tablet of Bayer Aspirin contains the full dosage of the pure drug and this fact, together with rapid disintegration in water, accounts for its speedy and effective therapeutic action.

Bayer-Tablets of Aspirin enjoys a record of over 40 years' service to the dental profession.



BAYER ASPIRIN

VARICK STREET

NEW YORK

NEW TEEL TECHNIQUE

1. Prevents Formation of Those Unsightly Grooves in Gingival Areas
2. Removes "Stain" SAFELY

WIDESPREAD need for a safer home oral hygiene is definitely indicated by new studies of the nature of a little known type of "surface discoloration" and of the grooves commonly found in softer calcified parts of teeth exposed by gingival recession.

CAUSE OF "STAIN" IS NATURAL FORMATION

In about 20% of all patients, a little-known, colored skin—with properties similar to keratin—was found to build up on the tooth enamel when no abrasives are used in brushing the teeth. It is distinguished from the easily-removed, ordinary mucin film containing "materia alba" and bacteria plaques, by the fact that it is highly tenacious and bacteria-free.

The skin is pale yellow in some individuals, while in others it is darker, even gradually assuming a brownish cast.

Lack of abrasion permits this skin to accumulate, hence causing "surface discoloration." To remove it, all leading toothpastes and powders are made with abrasives.

ABRASIVES CAUSE DAMAGE

That this abrasive action of toothpastes and powders creates a serious and general danger is definitely established, by laboratory tests and by clinical work at one of the foremost research foundations. This clinical work may be summarized:*

OF ALL PATIENTS EXAMINED REGULARLY BRUSHING TEETH WITH POPULAR TOOTHPASTES AND POWDERS, 58% HAD ACTUALLY BRUSHED CAVITIES INTO CALCIFIED PARTS OF TEETH, EXPOSED BY RECEDING GUMS; THIS DAMAGE RESULTED FROM ABRASIVES IN THE TOOTHPASTES AND POWDERS; AND 8 IN 10 RUN THIS RISK CONSTANTLY.

Among the patients examined, abrasions to a depth of 0.5 m.m.

—*Jl. of Dental Research, 20 565-81, Dec. '41

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abrasion.

2. Weekl
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baking so
with TEEL
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"stain."

were commonly encountered, while many reached a depth up to 1.5 m.m.

NEW TEEL TECHNIQUE ENDS NEEDLESS DANGER

Unlike other leading dentifrices, TEEL contains no abrasives whatever. Its detergent action is highly efficient in conjunction with the toothbrush, easily removing common "materia alba" and mucin plaques.

Since it is non-abrasive, TEEL

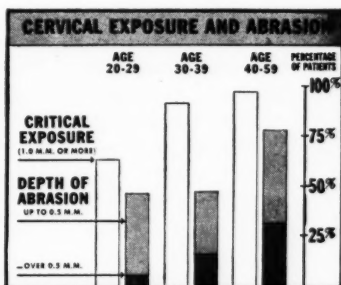
alone will not remove the tenacious, discoloring growth — because TEEL is non-abrasive. TEEL's non-abrasiveness is one of its great advantages. It provides the basis for the new TEEL technique which does remove the growth, quickly and easily . . . and removes it with greater safety than any other leading dentifrice.

This new adaptable TEEL technique provides the required abrasive action to get teeth bright but no needless daily abrasion.

See What Your Patients are Doing . . . Trying to Keep Teeth Bright!



MILLIONS OF PATIENTS are brushing grooves into teeth—some requiring filling—with abrasives in toothpastes and powders.



8 IN 10 TAKE THIS RISK—as chart above shows. Cervical exposure increases, abrasions multiply and deepen as age advances.

TEEL'S NEW TECHNIQUE consists of

1. Twice daily—Brushing teeth with TEEL; a few drops on dry or moist brush. Provides daily hygiene with no abrasion.
2. Weekly—brushing teeth for at least one extra minute with plain baking soda on brush moistened with TEEL. Necessary abrasive action each week to remove surface "stain."



So that dentists may acquaint themselves with this safe, efficient method of home oral hygiene, samples of TEEL will gladly be sent on request. Also detailed reports of the SCIENTIFIC STUDIES upon which the new Teel Technique is based. Requests may be addressed to—DEPT. OF DENTAL RELATIONS, PROCTER & GAMBLE, CINCINNATI, OHIO.

This message, in popular form, is appearing in advertisements in national magazines.

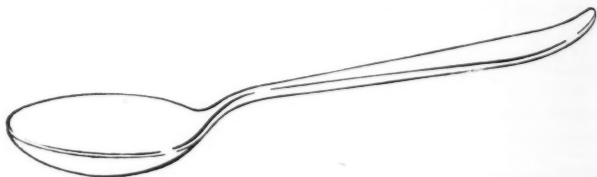
PROCTER & GAMBLE, Cincinnati, Ohio, U. S. A.



Soup again!

Regardless of how skillfully new dentures are constructed, patients must often forego the pleasures of hearty eating until postoperative pain subsides and sore gums heal. Fortunately, you can quickly and safely alleviate such pain and discomfort by employing Butyn-Metaphen Dental Ointment. This exclusive Abbott preparation combines the prolonged anesthetic effect of Butyn 4% with the unique antiseptic action of Metaphen 1:1500. Easily applied to the surface of the denture coming in contact with the gums, this agent is neither unpleasant to the taste nor irritating to the tissues. • You will also find Butyn-Metaphen Dental Ointment a desirable product for both prophylaxis and treatment of trauma from extraction, "dry sockets," pyorrhea pockets and as a soothing dressing following scaling. It is available through all prescription pharmacies in 1-ounce collapsible tubes equipped with special nozzles for office use, and also in ¼-ounce tubes which patients may conveniently use at home.

ABBOTT LABORATORIES, North Chicago, Illinois.



Butyn-Metaphen Dental Ointment

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Lee S. Smith

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KELLY'S *Impression* **PASTE**

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Among the dentists, dental assistants, dental hygienists, and the public interested in dentistry there must be many persons who have the literary talent and the interest to tell these stories.

Among the thousands of dentists in the profession there are many problems of dental practice, and some solution to these problems. There are many points of view to be expressed concerning changes in dental life during the war period. Among the dentists in military service there are interesting experiences to be told.

ORAL HYGIENE is the dental journal that seeks to uncover these human interest stories, these problems in dental practice, these points of view on dental life—and bring them to the light of publication.

ORAL HYGIENE, to stimulate writing in the dental field, offers to make substantial literary payments to writers on non-technical dental subjects.

Each month ORAL HYGIENE will pay \$100 for the best article accepted for publication and will pay for all other manuscripts accepted, at a liberal word rate.

All articles must have a dental angle. First consideration will go to specific articles.

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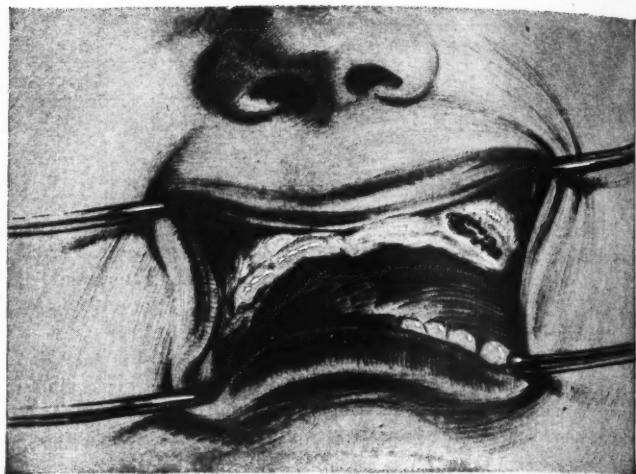
1. Do *not* write any article longer than 1500 words.
2. Do *not* attempt to be too "literary." Report your experiences or those of somebody else simply and directly. We are interested in the facts and the substance, not the literary flourishes.

3. Your manuscripts should be typewritten, double-spaced, and sent with return postage.

If you have good pictures or drawings to illustrate the article—fine!

Everyone has a story to tell. Don't hesitate. Write *your* article now. Send it to:

Edward J. Ryan, D.D.S.
 Editor, ORAL HYGIENE
 708 Church Street
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HYPERACIDITY IN THE DENTURE AREA

The oral mucous membranes beneath the denture are deprived of the normal salivary flow. Stagnation results—with consequent acid production from bacterial growth. These acid compounds are frequent sources of irritation to the tissues.

Fasteeth is buffered to maintain a mild alkalinity in contact with the tissues. Hyperacidity in the denture area cannot exist in the presence of Fasteeth's alkaline colloid.

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COMPLETED
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A Hue-lon inlay package and an inlay flask are the only additional equipment you need to make esthetic Hue-lon inlays.

Your patients will be delighted with the way Hue-lon inlays blend in with the color of their own teeth.

You'll like Hue-lon, yourself. It is easy to process, with every step fully and completely outlined to eliminate costly trial and error.

Order a Hue-lon Inlay Package from your dealer. Be prepared to offer your patients the benefits which only Hue-lon can give.



The Inlay Package \$137⁷⁵

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| 6 Q. P. jars Hue-lon Powder | 2 Sticks Inlay Wax |
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Your laboratory will make Hue-lon crowns and bridges to your exact specifications—and to match the individual coloration of your patient's own teeth.

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FRENCH'S
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Picture a truck weighing close to 3 TONS running over a square inch piece of dry Fren-Roc. The Fren-Roc would break, but nothing less than this amount of weight CAN crush it!

The truly amazing hardness of this fine artificial stone is but one of its many advantages. It combines speed, strength and accuracy—and has a maximum expansion of only .13. Fren-Roc has a fast, final set of 8 to 12 minutes. Comes in either white or buff.

Ask your dealer for a free sample and prove to yourself the excellence of this dependable French product.

Incidentally, it costs no more than ordinary artificial stones.

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BUT PATIENT LOYALTY, TOO!

BREAKING IN a new denture is often a strain on hard-won patient confidence. Don't subject your skill to question because of possible discomfort during the "break-in" period. When you've fitted a denture, give your patient a sample of **DENTLOCK DENTURE POWDER**. It holds plates firmly. But more . . . it cushions and soothes tender gum ridges, minimizes irritation and soreness . . . preserves those fragile but most valuable assets, patient confidence and loyalty.

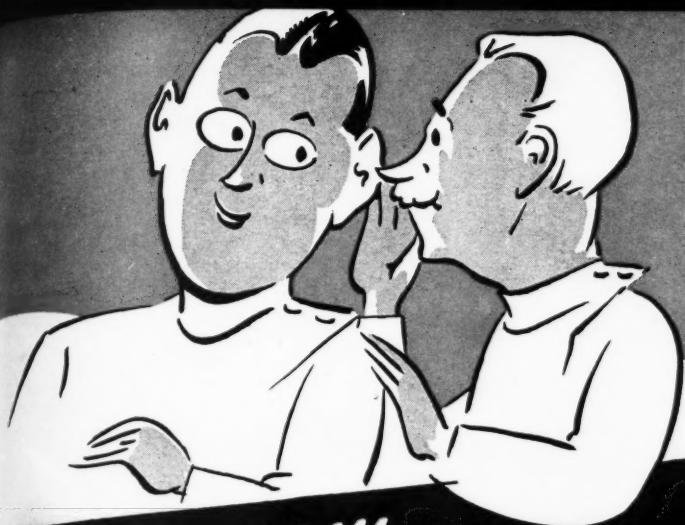
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DENTGLO THE EFFICIENT BRUSHLESS CLEANSER

EFFICIENT, because it cleanses dentures thoroughly by *immersion*; keeps them sanitary and odor-free, with none of the brushing and scrubbing that destroy denture fit and clasp alignment.

WRITE DEPT. O FOR FREE SAMPLES
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manufactures it too!"**

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KERR

Crystolex



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EVERY DENTIST knows that the prevention of dental caries can win more grateful patients than many hours of skillful repair. With today's food shortages the recommendation of a dietary supplement is more than ever a wise form of preventive dentistry.

Current research indicates that a large

percentage of our population, young and old, are living on diets shockingly deficient in essential vitamins and minerals. And it has been well established that nutritional deficiencies are an underlying cause of much dental pathology... especially periodontal diseases.

Four reasons for recommending Vimms

1. Deficiencies of single vitamins rarely occur. Vimms supply all six essential vitamins in full minimum amounts recommended by the government and adopted as a standard by the A. M. A. (See chart).
2. Calcium and Phosphorus are needed to work with Vitamin D in building and maintaining tooth structure. Vimms supply generous amounts of both.
3. Current animal studies indicate that the B-complex vitamins may be one of the important factors in the prevention of parodontitis and gingival pathology.* Vimms supply substantial potencies of all three essential B-complex vitamins.
4. Vimms are palatable and low in cost. (50¢ for 24 tablets; \$1.75 for 96 tablets; \$5.00 for 288 tablets).

*J. Periodontology 13, 18 (1942)

VIMMS MEET OR EXCEED MEDICAL RECOMMENDATIONS*		
Medical recommendations are based on these Gov't standards		See how 3 Vimms meet or exceed these standards
VITAMIN		
4,000 USP Units	A	5,000 USP Units
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In addition, Vimms supply these vital minerals:		
CALCIUM	375 Milligrams	
PHOSPHORUS	250 Milligrams	
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*Jour. of the A. M. A., July 18, 1942, pp. 948-9

For clinical samples, please write to Lever Brothers Company, Dept. D-5, Pharmaceutical Division, Cambridge, Mass. Offer good in U. S. A. only.

Vimms

all 6 vitamins—3 minerals
in each tasty tablet

HITLER TAUGHT ME PLENTY



"Old Shicklegruber didn't reckon with what I could do in the way of messing up his plans when he and his gang started out to give the world a *New Order*. In fact, I was a little uncertain about it myself until I discovered that I could be plenty handy

with tools that help make the kind of planes and weapons that Hitler doesn't like. I can do a lot of useful things now that would have seemed impossible to me a couple of years ago. Yes, indeed, because of Hitler and his stooges, I have learned a lot."

And she has learned more than how to handle tools skillfully. She has learned that good health has a very close relationship to production schedules. She has learned that unhealthy teeth are a hazard to general health and an impairment of efficiency.

Dental offices equipped with McKesson equipment for the control of operative pain make dental treatment easier and more inviting to the people on our production lines. McKesson equipment means less time per operation, and more productive hours per day both for the dentist and for the men and women who make the things that Hitler doesn't like.

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1 UNIT PINK & CLEAR \$1.00

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First - Patient strips
 teeth of mucin with pleas-
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 mouthwash.

Then - Sterodent cleans
 and polishes much faster--
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STERODENT cleanser



FOR seventeen years Sterodent
 Cleanser has been doing better
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 dentists. Have you tried it?

Included at no cost will be sufficient
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 mouthwash for your two-step technique,
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STERILE PRODUCTS CO., INC.
 SAN DIEGO, CALIFORNIA

Those Precious Casting Rings!

CASTING rings, of war-time critical metals, are suddenly precious. Make yours last, until Victory, by investing only with Kerr Cristobalite, the chlorine-free material that never corrodes rings or the delicate nichrome elements of your furnace.

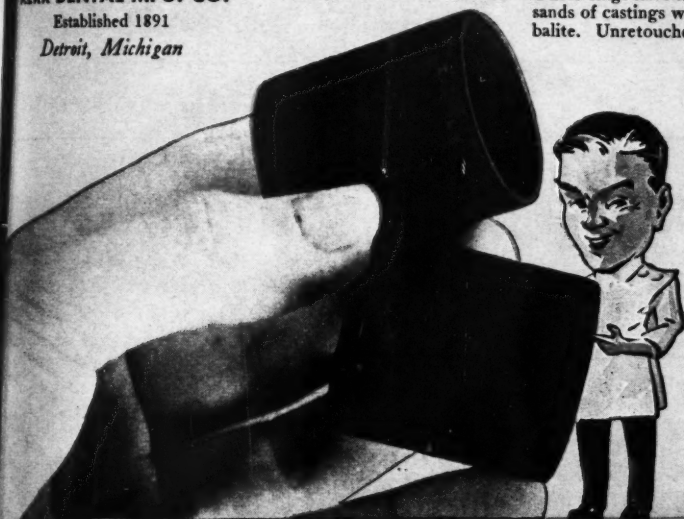
At the same time, get silky-smooth castings of precision not otherwise attainable—castings that will also easily brush clean without dangerous digging.

All this, regardless of the technic you may use. Cristobalite fits them all.

KERR DENTAL MFG. CO.

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Detroit, Michigan

These rings have made thousands of castings with Cristobalite. Unretouched photo.



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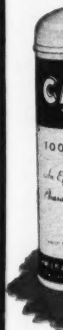
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* After being subjected to long-time tests, Polident won positive approval by these outstanding technicians; is one of the denture cleansers they accept and approve.

Good Advice on the Cleaning of Dentures



"I did just as my dentist told me, about cleaning my plate, and never had a bit of trouble."

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—Should be given by the Dentist, as a part of his Denture Service

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It is worth your time and effort to explain that the less she handles her dentures, the less the risk of dropping and breaking or chipping them—a constant peril when brushing methods are employed. It should also be explained that brushing with abrasive "make-shift" cleaners such as toothpastes, tooth-powders, soap and household cleansers may wear down the important "fitting ridges"—scratch the polished surfaces.

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"Play safe—use Polident," is good advice to new and accustomed denture wearers—for which they will always thank you. Polident avoids the dangers of brushing, yet it cleans the dentures of daily accumulation thoroughly—even the hard-to-reach places—just by soaking in the solution.

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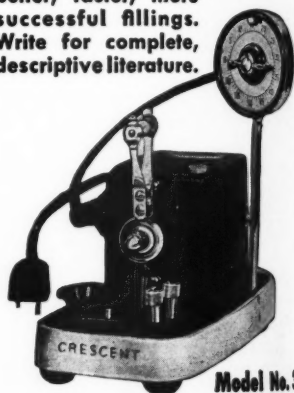
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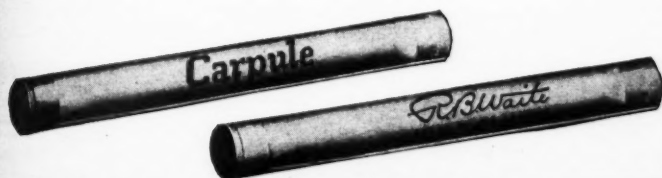
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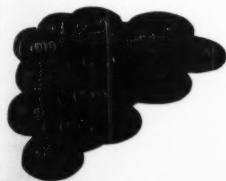
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WHO'S WHO AND WHERE

Although we aim for accuracy in this index, last minute changes often alter page numbers and positions.

Abbott Laboratories	270	Jelenko & Co., Inc., J. F.	152
Acrilate Company, Inc.	218	Johnson & Johnson	152
Aderer, Inc., Julius	242-3	Justi & Son, Inc., H. D.	206
American Can Company	241	Kerr Dental Mfg. Co.	153, 277, 283
American Chiclo Co. (Dentyne Gum)	265	Kolynos Company	283
Anacin Company	Insert	Konformax Laboratories, Inc.	216
Angelica Jacket Company	202	Kress & Owen Company	236
Associated Credit Bureaus	264	Lavoris Company	284
Baker & Company, Inc.	226-7	Lever Brothers	284
Baldor Electric Company	252	Manhattan Mfg. Co.	276
Bayer Company	287	Martin Rubber Co.	284
Bristol-Myers Company	139, 153, 4th cover	Masel Company, Isaac	246
Buffalo Dental Mfg. Co.	220	McKesson Appliance Co.	270
Burton Manufacturing Co.	222	McKesson & Robbins, Inc.	282-3
Butler Co., Dr. John O.	233	Medicone Company	Insert
Calsodent Company, Inc.	145	Merrell Company	161
Camel Cigarettes	154-5	Minimax Company	143
Campo-Phenique Company	202	Mizzy, Inc.	143
Castle Company, Wilnot	259	Moyer Company, J. Bird	206-7
Caulk Company, L. D.	274	Mullen Brothers	263
Chandler, H. M.	290	National Biscuit Co.	147
Chicago Wheel & Mfg. Co.	160, 240	Ney Company, J. M.	199
Church & Dwight Co., Inc.	257	Nobillium Products, Inc.	282
Clark-Cleveland, Inc.	272-3	Novocol Chemical Mfg. Co., Inc.	246-7
Clark Hotel	287	Num Specialty Company	284
Cleveland Dental Mfg. Co.	2nd cover	Ohio Chemical & Mfg. Co.	219
Columbus Dental Mfg. Co.	204	Parisen Chemical Co., Inc.	280
Cook-Waite Laboratories, Inc.	288-89	Pelton & Crane Co., The	244
Co-Oral-It Dental Mfg. Co.	244	Pepsodent Company	245
Corega Chemical Company	156	Phillips Chemical Co., Chas H.	286
Craig Dental Products, Inc.	144	Polident	284-5
Cratex Manufacturing Co.	252	Poloris Company	148-9
Crescent Dental Mfg. Co.	233, 248, 286, 287	Proco-Sol Chemical Co., Inc.	150
Curtis Pneumatic Machinery Co.	260	Procter & Gamble	268-9
Cutino Company	142	Prometheus Electric Corp.	212
Dee & Company, Thomas J.	255	Prophylactic Brush Co.	146
Dental Absorbents Company	263	Pycopé, Inc.	224-5
Dental Perfection Company	203	Ransom & Randolph Co.	293
Denticator Company	233	Reliance Dental Mfg. Co.	216
Dentists' Supply Co., The	234-5	Reynolds Tobacco Co., R. J.	154-5
Dentlock and Dentglo	276	Retto Products	290
Dentyne Gum (American Chiclo Co.)	265	Ritter Company, Inc.	296
Dewey School of Orthodontia	286	Rockland Dental Co., Inc.	212
Drucker Company, August E.	253	Rorer, Inc., William H.	252
DuPont de Nemours & Co., Inc.	200-1	Schneider Dental Laby., M. W.	248
(Plastics Dept.)		Silvodont Company	263
Eastman Kodak Company	295	Smith & Son Mfg. Co., Lee S.	283
Fink-Rosellie Co., Inc.	254	Spico Smelting & Refg. Co.	211, 290, 292
Fischer & Company, H. G.	244	Squibb & Sons, E. R.	3rd cover
Forhan Company	162	Star Dental Mfg. Co., Inc.	215
Fort Orange Chemical Co.	276	Sterile Products Co., Inc.	280
French & Company, Samuel H.	275	Stim-U-Dents, Inc.	252
Garhart Dental Specialty Co.	223	Torit Manufacturing Co.	214
Gebauer Chemical Co.	236	Union Broach Company	214
General Electric X-Ray Corp.	249	United Drug Company	250
Getz Company, William	251	Universal Dental Co.	291
Glazbrook Bros.	294	Urell, Inc.	240
Gold and Platinum Metals in Dentistry	238-9	Vernon-Benshoff Company	157
Gomco Surgical Mfg. Corp.	256	Vince Laboratories, Inc.	217
Hanau Engineering Co., Inc.	232	Walling Bros.	287
Hoffmann-La Roche, Inc.	151	Web Distributing Co.	248
Hudson Products, Inc.	284-5	Wernet Dental Mfg. Co.	Insert
Huppert, K. H.	264	White Dental Mfg. Co., The S. S.	140-1
Ideal Tooth Inc.	230-1	White Laboratories, Inc.	221
International Nickel Co., Inc.	237	Williams Gold Refg. Company	213
Iteco Dental Mfg. Co.	258	Wilnot Castle Company	238
		Young Dental Mfg. Co.	240
		Zurn Mfg. Co., J. A.	216

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	138
	137
	206
	153, 277,
	281
c.	216
	236
	274
	280
	286
	290
	296
	298
	282
Insert	161
	143
	206-7
	205
	283
	147
	199
	282
c.	246-7
	284
	219
	280
	244
	243
	286
	296
	148-9
	152
	268-9
	212
	146
	224-5
	293
	216
	154-5
	290
	296
	212
	232
	248
	283
	21, 290, 292
.3rd cover	215
	208
	280
	232
	214
	210
	291
	240
	157
	217
	287
	Insert
	140-1
	221
	213
	259
	240
	216



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